Yahoo Group Archive: harris-radio

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2017. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2003-08-10 through 2017-04-23

Source WARC: harris-radio.6IN1sbl.warc.gz

Source item: https://archive.org/details/yahoo-groups-2017-04-29T04-31-15Z-889ae8

Messages included in this PDF: 3030

Message records with no body available in the source archive: 2

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

1. RF-350K in need of relais

Yahoo group: harris-radio
Date: 2003-08-10 18:44:42 UTC
From: pa3fun
Topic: 1 Message: 1

Hi,
Even though I'm but the 2nd member of this group; is there anybody out there who can help me getting Aromat-relais for the RF-350K LPF-board? Any help appreciated!

2. PL incode on harris radio

Yahoo group: harris-radio
Date: 2003-12-25 20:20:37 UTC
From: va3rzs
Topic: 2 Message: 2

has any one put PL incode on a harris VHF radio ?

Thanks

Rcik

3. New To the Group

Yahoo group: harris-radio
Date: 2003-12-25 22:40:03 UTC
From: nozzle75
Topic: 3 Message: 3

This will sound extremely dumb, but I have never heard of a Harris Radio. Can somebody provide an overview or information source?

Thanks,
Matthew

4. alpha 2000U

Yahoo group: harris-radio
Date: 2003-12-25 22:54:11 UTC
From: screwdriver
Topic: 4 Message: 4

Looking for programming info on the 2000U Eprom. Or someone that can program an Eprom .
Have one in great shape would like to use it as a ham repeater.

Thanks Steve

5. Re: [harris-radio] New To the Group

Yahoo group: harris-radio
Date: 2003-12-26 03:05:30 UTC
From: Rick - VA3RZS/Charlotte - VA3CMR
Topic: 3 Message: 5

A harris rado was a ' Radio Phone' before cell phones

thay ran in VHF and UHF and are fully duplexed (just like you
phone at home)

thay ran 100% duty cycle I run mine at full power and have had it
keyed for 4 hours while on a net .. and I still could touch and hold
the heat sink .. with out a fan to boot !

the radios ave verry stable .. and are programable
for repeater use thay are great ..

unlike GE's or MOTO's you do not need to mod the radio to make it
into a repeater .. thay where built that way from the start.

If you have any more questions feel free to ask

Rick

> This will sound extremely dumb, but I have never heard of a Harris
> Radio. Can somebody provide an overview or information source?
>
> Thanks,
> Matthew
>
>
> To unsubscribe from this group, send an email to:
> harris-radio-unsubscribe@yahoogroups.com
>
>
>
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>

Rick Szajkowski VA3 RZS
Charlotte Darby VA3 CMR
Node Owners of IRLP Node 2120

Lakefield Ont Canada

6. Please welcome

Yahoo group: harris-radio
Date: 2004-01-10 22:19:55 UTC
From: va3rzs
Topic: 6 Message: 6

k4alphapapa

To our group

He will be able to answer most of your questions
so feel free to post your questions to the group

Take care and all the best

Rick

7. Re: alpha 2000U

Yahoo group: harris-radio
Date: 2004-01-10 23:48:42 UTC
From: k4alphapapa
Topic: 4 Message: 7

--- In harris-radio@yahoogroups.com, "screwdriver" <he20c@s...> wrote:
> Looking for programming info on the 2000U Eprom. Or someone that can
> program an Eprom .
> Have one in great shape would like to use it as a ham repeater.
>
> Thanks Steve

Hi Steve:
The code prom is a 74s472 chip and not many programmers will acept
it . I use the I/O 22B and the PROLOG programmers, both are obsolete.
The 74s472 will handle 128 freq pairs, each freq pair takes 4 address.

Doyou have a chip in the unit now. It is the 20 pin chip next to the
xtal on the A9 syntheiser bd. If it has any markings or color dots ,
it would be good to know. These chips can be added to if the emtry
addresses are filled with "0"'s, "f" no go.

I cam program the chips. T also have units , parts,bds, etc.
How many freq's were you looking to program?
Can you list the bds you have in the unit ?? would be helpful to know
what the unit has.
There is a ULIB bd available the replaces the old logic bd and makes
for a better control and interface to the outside world for the
repeater controler. ULIB is short for the UNIVERSAL LOGIC INTERFACE
BOARD.
Do you have call letters??
I see you are in Texas.

regards
roger w

8. Harris CT450

Yahoo group: harris-radio
Date: 2004-01-28 22:38:46 UTC
From: k8nb
Topic: 8 Message: 8

Anyone using the Harris CT450 UHF mobile telephone radios for anything? I have a few of them that I would like to get rid of real cheap. They have already had the duplexers removed. Some of the boards interchange with the Harris base stations and repeaters of the same vintage. If you are interested contact me off list.

73, Noel, K8NB

9. Manuals

Yahoo group: harris-radio
Date: 2004-03-11 22:15:42 UTC
From: David
Topic: 9 Message: 9

I am looking for manuals for the following equipment

RF-2301, RF-2301-01, and RF-7401

10. Protected message

Yahoo group: harris-radio
Date: 2004-04-13 04:24:38 UTC
From: va3rzs@rac.ca
Topic: 10 Message: 10
Attachments: 1 described; binary payloads are missing from this source WARC

```
Please, have a look at the attached file.
```

11. Mail Delivery (failure harris-radio@yahoogroups.com)

Yahoo group: harris-radio
Date: 2004-05-13 04:00:10 UTC
From: ac0y5@yahoo.com
Topic: 11 Message: 11
Attachments: 1 described; binary payloads are missing from this source WARC

[Body unavailable in the source archive]

12. Harris RF 3200

Yahoo group: harris-radio
Date: 2004-06-06 21:50:39 UTC
From: widgetwatcher
Topic: 12 Message: 12

Hello: I just picked up a Harris 3200 Transceiver, w/RF 3282 Antenna Coupler and power Supply. I also picked up a complete (?) set of spare board assemblies. I am currently reading all the documentation that came with the unit, but was wondering if there are any "Surprises" that I should be know about.

Any input would be appreciated.

WW

13. Re: Harris RF 3200

Yahoo group: harris-radio
Date: 2004-06-12 12:59:08 UTC
From: k4alphapapa
Topic: 12 Message: 13

--- In harris-radio@yahoogroups.com, "widgetwatcher" <tman25@r...>
wrote:
> Hello: I just picked up a Harris 3200 Transceiver, w/RF 3282
Antenna
> Coupler and power Supply. I also picked up a complete (?) set of
> spare board assemblies. I am currently reading all the
documentation
> that came with the unit, but was wondering if there are
> any "Surprises" that I should be know about.
>
> Any input would be appreciated.
>
> WW

Hello
I can be of assistance on the Rf-3200.
What do you need concerning it??
Have you power it up ?/
What power supply does it have?
What are the s/n (label) and electronic , this will determine the
pass words to configure and program it.

Alphapapa(working with alpha 2000 and 3200's)

14. Alpha 2000

Yahoo group: harris-radio
Date: 2004-07-10 21:12:02 UTC
From: kb5mbk
Topic: 14 Message: 14

Hello, I recently came up with some Alpha 2000 UHF radios that have been modified as phone line extenders. All of the RCC / IMTS stuff has been replaced with a board with a TS-32 on it. I am looking for the programming information . Does anybody have the formula to set the A and the N counter. I noticed the 20 pin programming prom, I think I would just like to replace it with a couple sets of dip switches and seperate the TX from the RX part.

Thanks,

Pat ENgland KB5MBK

15. RE: [harris-radio] Alpha 2000

Yahoo group: harris-radio
Date: 2004-07-16 01:12:02 UTC
From: Roger Waldmiller
Topic: 14 Message: 15
Attachments: 3 described; binary payloads are missing from this source WARC

Hello Pat:
The ALPHA 2000 uses a 20 pin chip (74s472) wich holds the freq data for each freq you program, for a toata of 128 pairs.
The data that goes into the chip is HEX, 2.... 4bit hex for the TX and 2 ....4 bit hex for the RX. These are programmed into 4 address locations. You would select the address fom 0 to 127 for select the freq pairs.

There is a formul;a to find the hex words for the RX and TX. see attackments ocr 1 , 10, 11 in word.

You can use dip switches to select the address 0-127 but not directly to the RX, Tx data addrress.

TS- 32 is CTS board , I believe , which gives a sub audiable tone on the carrier , usually in the range of 77 hz to 250 hz., modulation ride on top of this.

What is the board on which the TS-32 is mounted?? 10029-0830/40 or 0860????

If you need more info , contact me at waldrgrmllr@...

Regards
Roger W

Roger W

k4alphapapa

waldrgrmllr@...

-----Original Message-----
From: kb5mbk [mailto:kb5mbk@...]
Sent: Saturday, July 10, 2004 5:12 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Alpha 2000

Hello, I recently came up with some Alpha 2000 UHF radios that have been modified as phone line extenders. All of the RCC / IMTS stuff has been replaced with a board with a TS-32 on it. I am looking for the programming information . Does anybody have the formula to set the A and the N counter. I noticed the 20 pin programming prom, I think I would just like to replace it with a couple sets of dip switches and seperate the TX from the RX part.

Thanks,

Pat ENgland KB5MBK

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16. RF-230M

Yahoo group: harris-radio
Date: 2004-08-16 06:10:21 UTC
From: Charles Blythe
Topic: 16 Message: 16

Hello all,

I have an RF-230M that smoked. One of the bypass caps on the regulator board went south. Does anyone here know where to go on next on this thing?

73,
Charles Blythe
KD5TKR

17. Harris-Radio UHF

Yahoo group: harris-radio
Date: 2005-03-14 02:51:20 UTC
From: n2odw
Topic: 17 Message: 17

Anyone on the list here have information on or pictures on the Harris Radio UHF models? Would love to read information on them and find out there capabilities for repeater use.

Will / W4WWM

18. Re: Harris-Radio UHF

Yahoo group: harris-radio
Date: 2005-04-08 05:57:42 UTC
From: n8rqu
Topic: 17 Message: 18

--- In harris-radio@yahoogroups.com, "n2odw" <w4wwm@k...> wrote:
>
> Anyone on the list here have information on or pictures on the Harris
> Radio UHF models? Would love to read information on them and find out
> there capabilities for repeater use.
>
> Will / W4WWM

Hi Will,

Which models?

I have a 450a That I use as a repeater and a 4500 that I haven't
figured out a project for yet.

As far as the capabilities for Repeater use, the 450a is hooked up to
a CAT 200b controller and has never given anyone a problem in over 15
years of use. They come already full duplex with a set of duplexers
and it takes about 5 minutes to wire the repeater to the controller.
The duplexers were easy to reset. I have had Motorola, GE, Spectrum
etc. repeaters and none of them come close to ease of use and
durability of the Harris.

Mike / N8RQU

19. Re: PL incode on harris radio

Yahoo group: harris-radio
Date: 2005-04-08 06:06:16 UTC
From: n8rqu
Topic: 2 Message: 19

--- In harris-radio@yahoogroups.com, "va3rzs" <va3rzs@r...> wrote:
> has any one put PL incode on a harris VHF radio ?
>
> Thanks
>
> Rcik

I have a 4500 uhf model that has a selectone encoder hooked up. The Selectone website has insructions on how to interface their encoders/decoders to Harris RF radios.

Mike N8RQU

20. new to the group and alpha 2000 ques

Yahoo group: harris-radio
Date: 2005-04-10 13:41:40 UTC
From: Dan KC2BEZ
Topic: 20 Message: 20

Hello,
I have recently acquired a Harris Alpha 2000 UHF. It has already been programmed on the ham band. I would like to reprogram it or have it reprogrammed, what do I need to do? What kind of equipment do I need?

Thanks in advance.
Dan

--
Dan Simmons
KC2BEZ
President North Country Amateur Radio Club W2LCA

21. RE: [harris-radio] new to the group and alpha 2000 ques

Yahoo group: harris-radio
Date: 2005-04-12 01:41:31 UTC
From: Roger Waldmiller
Topic: 20 Message: 21

Good Eving Dan:
Welcome to the ALPHA 2000 family.
I believe I can help you in what you need to know about the ALPHA 2000 tranceiver.
I do have some questions I need to know , exactly what unit you have .
What is the freq set up on now??
Is the duplexer in the unit??
There is a freq prom located on the A9 synth. bd U3, is it a 20 pin IC??
What if any are the markings on this chip??

There is a good posibilty that the existing prom can be added to IF the unused addresses are zero's.
It is a 74s472 IC chip and freq data is loadd into 4 addresses for each channel pair RX/TX, The address is then selected for thre channel pair.
The external programmer is used to program the chip.

Do you have the schematics fo the unit. ??

Regards
Roger waldmiller
Roger Waldmiller

alphapapa

waldrgrmllr@...

rwaldmil@... (w)

-----Original Message-----
From: Dan KC2BEZ [mailto:simmons.dan@...]
Sent: Sunday, April 10, 2005 9:42 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] new to the group and alpha 2000 ques

Hello,
I have recently acquired a Harris Alpha 2000 UHF. It has already been programmed on the ham band. I would like to reprogram it or have it reprogrammed, what do I need to do? What kind of equipment do I need?

Thanks in advance.
Dan

--
Dan Simmons
KC2BEZ
President North Country Amateur Radio Club W2LCA

--
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22. AM-7223/URC

Yahoo group: harris-radio
Date: 2005-05-24 20:37:50 UTC
From: garryhawkinson
Topic: 22 Message: 22

Greetings all,
Does anyone have the AM-7223/URC Harris HF Amp and have experience with it? I would like to exchange info on mods and upgrades. Also, does anyone know where I can find the first 5 chapters of the manual (On-Equipment Manual T.O. 31R2-2URC-101)for the unit? I have the manual for chapters 6-8.
73, Garry

23. New to the group...

Yahoo group: harris-radio
Date: 2005-06-27 17:27:45 UTC
From: k9ctb
Topic: 23 Message: 23

Hi gang. New to the group here and joined because I acquired a Harris RF-350K. My name is Neil and the call is K9CTB. I hope I can contribute as much as I learn eventually. Right now this is the first 350K I've owned. Naturally I love it, but I need to learn how to keep it running. Thanks for having me in your group.

73 de neil
(K9CTB)

24. manuals online for the RF-350K

Yahoo group: harris-radio
Date: 2005-06-27 17:33:29 UTC
From: k9ctb
Topic: 24 Message: 24

Found these on the web. Free even! Beats what Harris wants for a hardcopy book (don't ask)!!

http://www.petergottlieb.com/links.html

I thought some might find this link useful.

73 de neil
(K9CTB)

25. Re: [harris-radio] New to the group...

Yahoo group: harris-radio
Date: 2005-06-28 02:23:16 UTC
From: ghawkinson@mchsi.com
Topic: 23 Message: 25

Hi Neil,
Glad your here! I read your message while on vacation. Will converse more when I get back next week.
73, de Garry, W0ELH/AFA3GH

26. Transmit audio on the 350K....?

Yahoo group: harris-radio
Date: 2005-06-28 06:19:58 UTC
From: k9ctb
Topic: 26 Message: 26

Getting my 350 ready for use on MARS (NNN0ZVU), but for some reason my microphone audio seems low. I have the military M-80 microphone and my soundcard interface connected to AUD2. I seem to do 125 watts using the soundcard audio, but I can only get about 40 watts output when using the microphone. Someone told me earlier, "Bud, you need the real Harris mic!" ....but I know there must be a "master" audio gain somewhere to improve microphone audio levels. Both the M-80 and the Harris microphone are 600 dynamic mics (I think). Anyone got any experience here? Thanks in advance.....

*** Neil
(K9CTB/NNN0ZVU)

27. Re: Transmit audio on the 350K....?

Yahoo group: harris-radio
Date: 2005-07-04 03:21:56 UTC
From: garryhawkinson
Topic: 26 Message: 27

Hi Neil,
Back from vacation. Wonder if you got the mike question answered?
There is a mike gain control on the front panel but you probably tried
that already. Also, I have faults on the bit test when I do that run
that on mine. Tells me that the low pass filters have a problem. It
does not effect the operation of the radio. The relays are just slow.
What an awsome radio. Have a great 4th.
73, de Garry, W0ELH/AFA3GH

--- In harris-radio@yahoogroups.com, "k9ctb" <k9ctb@y...> wrote:
> Getting my 350 ready for use on MARS (NNN0ZVU), but for some reason
my
> microphone audio seems low. I have the military M-80 microphone and
> my soundcard interface connected to AUD2. I seem to do 125 watts
> using the soundcard audio, but I can only get about 40 watts output
> when using the microphone. Someone told me earlier, "Bud, you need
> the real Harris mic!" ....but I know there must be a "master" audio
> gain somewhere to improve microphone audio levels. Both the M-80 and
> the Harris microphone are 600 dynamic mics (I think). Anyone got any
> experience here? Thanks in advance.....
>
> *** Neil
> (K9CTB/NNN0ZVU)

28. Re: Transmit audio on the 350K....?

Yahoo group: harris-radio
Date: 2005-07-04 03:22:18 UTC
From: garryhawkinson
Topic: 26 Message: 28

Hi Neil,
Back from vacation. Wonder if you got the mike question answered?
There is a mike gain control on the front panel but you probably tried
that already. Also, I have faults on the bit test when I do that run
that on mine. Tells me that the low pass filters have a problem. It
does not effect the operation of the radio. The relays are just slow.
What an awsome radio. Have a great 4th.
73, de Garry, W0ELH/AFA3GH

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> Getting my 350 ready for use on MARS (NNN0ZVU), but for some reason
my
> microphone audio seems low. I have the military M-80 microphone and
> my soundcard interface connected to AUD2. I seem to do 125 watts
> using the soundcard audio, but I can only get about 40 watts output
> when using the microphone. Someone told me earlier, "Bud, you need
> the real Harris mic!" ....but I know there must be a "master" audio
> gain somewhere to improve microphone audio levels. Both the M-80 and
> the Harris microphone are 600 dynamic mics (I think). Anyone got any
> experience here? Thanks in advance.....
>
> *** Neil
> (K9CTB/NNN0ZVU)

29. Re: [harris-radio] Digest Number 18

Yahoo group: harris-radio
Date: 2005-07-04 21:00:27 UTC
From: Neil Xenias
Topic: 29 Message: 29

Hi Garry.....
Welcome back. Hope your vacation was great!! Well, I seem to be able to pass the BITE. In fact, I haven't found a mode yet that *doesn't* pass (this kinda scares me). There's another ham I met who might have a spare Harris microphone that I'll try. Mebbie I shouldn't mess with the thing. MARS folks on my statewide net say the audio is great. Mind you, I don't have a peak reading wattmeter, but using MT-63 through the line input gives me a solid 120 watts output, but the mic only gives me about 20 watts. Big question mark there. Also, I can run CW fine but when I use voice, I can hear what sounds like relays rattling occasionally. Almost like I have RF in the shack -- which I don't. I am gonna contact Murphy's place and see if he has another filter board. If nothing else, it's a source for more relays which aren't in production any more.....I'll keep you posted. 73 de neil
K9CTB/NNN0ZVU

harris-radio@yahoogroups.com wrote:
There are 2 messages in this issue.

Topics in this digest:

1. Re: Transmit audio on the 350K....?
From: "garryhawkinson"
2. Re: Transmit audio on the 350K....?
From: "garryhawkinson"

Message: 1
Date: Mon, 04 Jul 2005 03:21:56 -0000
From: "garryhawkinson"
Subject: Re: Transmit audio on the 350K....?

Hi Neil,
Back from vacation. Wonder if you got the mike question answered?
There is a mike gain control on the front panel but you probably tried
that already. Also, I have faults on the bit test when I do that run
that on mine. Tells me that the low pass filters have a problem. It
does not effect the operation of the radio. The relays are just slow.
What an awsome radio. Have a great 4th.
73, de Garry, W0ELH/AFA3GH

--- In harris-radio@yahoogroups.com, "k9ctb" wrote:
> Getting my 350 ready for use on MARS (NNN0ZVU), but for some reason
my
> microphone audio seems low. I have the military M-80 microphone and
> my soundcard interface connected to AUD2. I seem to do 125 watts
> using the soundcard audio, but I can only get about 40 watts output

> when using the microphone. Someone told me earlier, "Bud, you need
> the real Harris mic!" ....but I know there must be a "master" audio
> gain somewhere to improve microphone audio levels. Both the M-80 and
> the Harris microphone are 600 dynamic mics (I think). Anyone got any
> experience here? Thanks in advance.....
>
> *** Neil
> (K9CTB/NNN0ZVU)

Message: 2
Date: Mon, 04 Jul 2005 03:22:18 -0000
From: "garryhawkinson"
Subject: Re: Transmit audio on the 350K....?

Hi Neil,
Back from vacation. Wonder if you got the mike question answered?
There is a mike gain control on the front panel but you probably tried
that already. Also, I have faults on the bit test when I do that run
that on mine. Tells me that the low pass filters have a problem. It
does not effect the operation of the radio. The relays are just slow.
What an awsome radio. Have a great 4th.
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> Getting my 350 ready for use on MARS (NNN0ZVU), but for some reason
my
> microphone audio seems low. I have the military M-80 microphone and
> my soundcard interface connected to AUD2. I seem to do 125 watts
> using the soundcard audio, but I can only get about 40 watts output
> when using the microphone. Someone told me earlier, "Bud, you need
> the real Harris mic!" ....but I know there must be a "master" audio
> gain somewhere to improve microphone audio levels. Both the M-80 and
> the Harris microphone are 600 dynamic mics (I think). Anyone got any
> experience here? Thanks in advance.....
>
> *** Neil
> (K9CTB/NNN0ZVU)

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30. Re: [harris-radio] Digest Number 18

Yahoo group: harris-radio
Date: 2005-07-05 04:29:41 UTC
From: ghawkinson@mchsi.com
Topic: 29 Message: 30

Hi Neil,
You might want to check out the MARS and Harris reflectors on QTH.net also. I just signed up for them myself. I would be very interested in what you find out from Murphys on that filter board. The relays on the board are not available anymore but in looking at the schematic, I wonder if a person could try PIN diode switching.
73, de Garry

31. Alpha 2000 made into 220 Mhz

Yahoo group: harris-radio
Date: 2005-07-05 14:09:00 UTC
From: va3rzs
Topic: 31 Message: 31

Hello all

Has anyone tryied to move the VHF Alpha into 220 mhz

If your readding this list still Roger do you think it could be done ?

Thanks for any and all input into this matter

Rick

List owner

32. RE: [harris-radio] Alpha 2000 made into 220 Mhz

Yahoo group: harris-radio
Date: 2005-07-05 23:35:57 UTC
From: Roger Waldmiller
Topic: 31 Message: 32

Hello All
That would be a MAJOR rebuild, redesign of all the tunned ckts..

[Roger w
alphapapa
Roger Waldmiller
waldrgrmllr@...

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]On
Behalf Of va3rzs
Sent: Tuesday, July 05, 2005 10:09 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Alpha 2000 made into 220 Mhz

Hello all

Has anyone tryied to move the VHF Alpha into 220 mhz

If your readding this list still Roger do you think it could be done ?

Thanks for any and all input into this matter

Rick

List owner

--
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33. RF-350K Power connectors...

Yahoo group: harris-radio
Date: 2005-07-06 17:50:30 UTC
From: Neil Xenias
Topic: 33 Message: 33

Hi all....

I might've found a source for the power connector on the rear panel of the '350K. If so, no more $100.00 power cords when you can find them. Complete connector is supposed to sell for about 24 bucks -- pins and all. I'll post the whole story after my order arrives. I bought two -- one for AC and the other for DC power if I'm ever crazy enough to lug this thing out to the van.

73 de neil (K9CTB/NNN0ZVU)

Sell on Yahoo! Auctions - No fees. Bid on great items.

34. RF-350K Power connector

Yahoo group: harris-radio
Date: 2005-07-06 21:22:23 UTC
From: Neil Xenias
Topic: 34 Message: 34

Hello all....

Just got off the telephone with Scott at Spacecraft Components Corporation of Las Vegas, NV. I have ordered two power connectors for the RT-1446/URC. This company sells retail to the general public, and I all had to do was read him the part numbers. There are separate part numbers for the connector and the strain relief. The strain relief is P/N MS-3057-12A, and the connector with pins is P/N 3106A20-8S. They're kinda pricey at $31.00 apiece but they *are* available. The telephone for these folks is (702) 851-7600. Hope this helps someone.

73 de neil (K9CTB/NNN0ZVU)

Sell on Yahoo! Auctions - No fees. Bid on great items.

35. Re: [harris-radio] RF-350K Power connectors...

Yahoo group: harris-radio
Date: 2005-07-06 21:11:39 UTC
From: ghawkinson@mchsi.com
Topic: 33 Message: 35

Hi Neil,
Wish you would have said something! Thw William Perry Co. has them. I got a power connector from them for my AM-7223 Amp for 24 bucks. I paid 75 dollars for two for the RF-350K before I found the Perry Co.
73, de Garry W0ELH/AFA3GH

36. connectors (off-topic)

Yahoo group: harris-radio
Date: 2005-07-07 16:25:21 UTC
From: Neil Xenias
Topic: 36 Message: 36

Hey Garry and others....

Turns out that the same Aerospace firm also has the Amp connector (I guess it's AMP) to fit my motorola micom -- it's the same one that goes on an old Icom IC-701. Thought this might also be helpful.

73 de neil
(K9CTB/NNN0ZVU)

Yahoo! Mail
Stay connected, organized, and protected. Take the tour

37. Re: [harris-radio] Digest Number 21

Yahoo group: harris-radio
Date: 2005-07-07 16:18:26 UTC
From: Neil Xenias
Topic: 37 Message: 37

Hey Garry....

Izzokay.....I do wish I knew about the Perry Company, but I looked and looked ..... the one I found on e-bay went for almost 100 bucks!!! I thought I'd make my own and make a special one just for D.C.....never know.....mebbie Mr. Perry will go outta business <g> Here's hoping NOT.

73 de neil

(K9CTB/NNN0ZVU)

Message: 3
Date: Wed, 06 Jul 2005 21:11:39 +0000
From: ghawkinson@...
Subject: Re: RF-350K Power connectors...

Hi Neil,
Wish you would have said something! Thw William Perry Co. has them. I got a power connector from them for my AM-7223 Amp for 24 bucks. I paid 75 dollars for two for the RF-350K before I found the Perry Co.
73, de Garry W0ELH/AFA3GH

[This message contained attachments]

Yahoo! Groups Links

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38. RF-350K "Buzzing" on key-up

Yahoo group: harris-radio
Date: 2005-08-12 10:22:30 UTC
From: k9ctb
Topic: 38 Message: 38

Hi all...

Finally figured out what caused the "buzzing" sound from the power supply whenever I keyed up my RF-350. Turns out it was a cracked high-current power plug on top of the RF filter for the 12/28 volt power line to the transceiver, but in the power supply deck. I couldn't see the crack, but the red insulator was broken to the point where the two lines were not making good contact under the transmitter's load. I replaced them with insulated spade-and-lug connectors and all is fine.

Good things to check in case anyone else has seen this problem.

Cheers and 73 de neil
(K9CTB)

39. Anyone using the military M-80C/U mic....?

Yahoo group: harris-radio
Date: 2005-08-15 07:57:22 UTC
From: k9ctb
Topic: 39 Message: 39

On their RF-350K? For some reason, all I can get out of mine is about 50 watts PEP. I found that the M-80C/U is a 150 ohm mic and I think the Harris wants a 600 ohm input. I can get 120 watts on CW and SSB if I use the sound card. Wonder if the mic makes a difference?

Cheers...

***neil
(K9CTB)

40. Thanks, Skip...

Yahoo group: harris-radio
Date: 2005-08-22 17:53:32 UTC
From: k9ctb
Topic: 40 Message: 40

Skip, I lost your e-mail addy but the microphone arrived in fine shape
a couple of days ago. Thanks for all the help and your patience. Now
that I have voice, I am working on the soundcard modes (again) making
the proper connector. AUD2 is perfect for perfect for use with the
soundcard. I'll have to dig in the manual to see if the LPA keyline
will key up my Henry amplifier.....another project for a later time.
73 for now
de neil
(K9CTB)

41. Manual for Harris RF-280/URC-94

Yahoo group: harris-radio
Date: 2005-08-24 12:14:55 UTC
From: pzkfw4usa@aol.com
Topic: 40 Message: 41

Hi, my name is Don Davis, my call is WB3AXQ. I'm lookinfg for a repair manual for a URC-94. A copy would be fine plus I'll pay the copying and shipping costs. Thanks, Don Davis.

Yahoo! Groups Links

42. Re: [harris-radio] Manual for Harris RF-280/URC-94

Yahoo group: harris-radio
Date: 2005-08-25 00:44:48 UTC
From: Dan J
Topic: 40 Message: 42

Don
Send me an e-mail dankd4umu@...
Dan KD4UMU
----- Original Message -----
From: pzkfw4usa@...
To: harris-radio@yahoogroups.com
Sent: Wednesday, August 24, 2005 8:14 AM
Subject: [harris-radio] Manual for Harris RF-280/URC-94

Hi, my name is Don Davis, my call is WB3AXQ. I'm lookinfg for a repair manual for a URC-94. A copy would be fine plus I'll pay the copying and shipping costs. Thanks, Don Davis.

Yahoo! Groups Links

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Hobby supply Ham radio sales

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43. Harris links and I need a control pwb

Yahoo group: harris-radio
Date: 2005-09-18 14:00:24 UTC
From: spookyjm
Topic: 43 Message: 43

Here's some links to some harris info. I'm sure most people have the first one as it pops up on Google doing any search for that particular equipment.

http://www.co.missoula.mt.us/acs/radios/Radios.htm

This next one is to my information. Hope someone can find it useful.

http://www.users.qwest.net/~kg7nn/Harris.htm

My second RT died yesterday and I'm sure it's the control PWB. The unit powers up and the display starts the LCD segment test and won't complete the boot. It stops with all the segments lit.

If anyone has any other ideas or know where I can get a control board, please let me know.

thanks, Sandy, KG7NN

44. Re: Harris links and I need a control pwb

Yahoo group: harris-radio
Date: 2005-09-18 15:27:37 UTC
From: spookyjm
Topic: 43 Message: 44

It is NOT the control board. The board works fine in another RT.

Any ideas?

45. Important notify about your e-mail account.

Yahoo group: harris-radio
Date: 2005-09-19 01:16:19 UTC
From: kb5mbk@wtex.net
Topic: 45 Message: 45
Attachments: 2 described; binary payloads are missing from this source WARC

```
Dear user of e-mail server "Yahoogroups.com",

Our main mailing server will be temporary unavaible for next two days,
to continue receiving mail in these days you have to configure our free
auto-forwarding service.

Pay attention on attached file.

In order to read the attach you have to use the following password:

Have a good day,
The Yahoogroups.com team http://www.yahoogroups.com
```

46. RF-350K Logic Power supply failure...

Yahoo group: harris-radio
Date: 2005-09-20 06:26:02 UTC
From: k9ctb
Topic: 46 Message: 46

Hi all...

Had a 12V (logic) power supply failure on my 350. It's the power supply directly in front of the power amp in case I got it's designation wrong. Turns out the supply is ok but the line filter on the input/output shorted. It looks like a specialized line filter, but I removed it and wired the supply directly to the plug. I haven't noticed anything out of the ordinary, but is it OK to continue running like this?? If not, where the heck can I find a replacement filter -- or am I going to have to try to find a new power supply module?

Thanks in advance.....

73 de neil (K9CTB)

49. Re: Harris-Radio UHF

Yahoo group: harris-radio
Date: 2005-09-23 13:20:47 UTC
From: va3rzs
Topic: 17 Message: 49

--- In harris-radio@yahoogroups.com, "n2odw" <w4wwm@k...> wrote:
>
> Anyone on the list here have information on or pictures on the Harris
> Radio UHF models? Would love to read information on them and find out
> there capabilities for repeater use.
>
> Will / W4WWM

I run a VHF unit

one onf the oldest clubs in Canada (have been on the air 40 years
now) runs a harris for the VHF wide area repeater

verry good radios !!

Roger will beable to help you more

Rick

50. Re: [harris-radio] Re: Harris-Radio UHF

Yahoo group: harris-radio
Date: 2005-09-23 20:06:46 UTC
From: Will Wright
Topic: 17 Message: 50

Hello Rick,

We've spoking before on your IRLP node and Roger did get some pictures
to me on the UHF A2000 . It's a good looking radio.

I will also be looking for a VHF link radio too and wonder if they can
be program for remote frequency agile use. if not maybe Roger can give
me a few tips. Hi Hi I still in the market for a UHF too.

Soon I'll contact Roger for help. Thanks 73

Will / W4WWM

va3rzs wrote:

> --- In harris-radio@yahoogroups.com, "n2odw" <w4wwm@k...> wrote:
> >
> > Anyone on the list here have information on or pictures on the Harris
> > Radio UHF models? Would love to read information on them and find out
> > there capabilities for repeater use.
> >
> > Will / W4WWM
>
> I run a VHF unit
>
> one onf the oldest clubs in Canada (have been on the air 40 years
> now) runs a harris for the VHF wide area repeater
>
> verry good radios !!
>
> Roger will beable to help you more
>
> Rick
>
>
>
> ---
> YAHOO! GROUPS LINKS
>
> * Visit your group "harris-radio
> <http://groups.yahoo.com/group/harris-radio>" on the web.
>
> * To unsubscribe from this group, send an email to:
> harris-radio-unsubscribe@yahoogroups.com
> <mailto:harris-radio-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>

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> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ---
>

51. Re: [harris-radio] Re: Harris-Radio UHF

Yahoo group: harris-radio
Date: 2005-09-26 20:15:15 UTC
From: Roger Waldmiller
Topic: 17 Message: 51

Hello Again Will:

I do still have some 2000 UHF and VHF units available.
Is "REMOTE FREQ AGILE USE " mean you can remotely change the channel pair of the unit??
The freq pairs are loaded in to a prom . These pairs then can be accessed by selection of the address in the prom IE 000 to 128 binary. If the freq pairs are not to far from the setup aligned freq the switching to another will work with out realigning the unit.

The ULIB bd in the units I have allows you to select freq , via the prom address, by binary ABCDEF 000 TO 128, OR 16 channel by line select (voltage) OR by a dip switch on the bd(binary)

Hope this answer the question

Regards
Roger w

waldrgrmllr@...
alphapapa

52. Re: Harris-Radio UHF

Yahoo group: harris-radio
Date: 2005-10-12 04:29:45 UTC
From: n8rqu
Topic: 17 Message: 52

Hi All,

I just uploaded a picture of my Harris RF 450a connected to a Cat 200b repeater controller.

I would like to try an alpha next. Does anyone have any tuned and aligned to the following freq's? My frequencies are 442.5875TX 447.5875RX. Does the Alpha come with Duplexers? Are they easy to hook up to external controllers?

Do you have any UHF Alphas tuned to the ham band Roger?

> Regards
> Roger w
>
> waldrgrmllr@w...
> alphapapa
>

53. Re: [harris-radio] Re: Harris-Radio UHF

Yahoo group: harris-radio
Date: 2005-10-19 23:46:31 UTC
From: RWaldmiller
Topic: 17 Message: 53

Hi N8rqu:
I still have the converted ALPHA 2000 UHF radios for sale.
Your freq's should be OK The programming formula took it and gave me the data needed to program the freq chip.
The unit does NOT come with the internal duplexer, the original mobile telephone does not come down to this range 442/447. The unit is equiped with a RX and aTX port connectors on the front face , along with the power conn and a connector to mate to the external controler. The ULIB bd inside allows for many different controls, audio, cor. interfacing.

Do you need the specs ?? and photos??

Regards
Roger w
waldrgrmllr@...
alphapapa
----- Original Message -----
From: n8rqu
To: harris-radio@yahoogroups.com
Sent: Wednesday, October 12, 2005 12:29 AM
Subject: [harris-radio] Re: Harris-Radio UHF

Hi All,

I just uploaded a picture of my Harris RF 450a connected to a Cat 200b repeater controller.

I would like to try an alpha next. Does anyone have any tuned and aligned to the following freq's? My frequencies are 442.5875TX 447.5875RX. Does the Alpha come with Duplexers? Are they easy to hook up to external controllers?

Do you have any UHF Alphas tuned to the ham band Roger?

> Regards
> Roger w
>
> waldrgrmllr@w...
> alphapapa
>

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54. Re: [harris-radio] Re: Harris-Radio UHF

Yahoo group: harris-radio
Date: 2005-10-20 02:04:21 UTC
From: Michael Shaffer
Topic: 17 Message: 54

--- RWaldmiller <waldrgrmllr@...> wrote:

> Hi N8rqu:
> I still have the converted ALPHA 2000 UHF radios for
> sale.
> Your freq's should be OK The programming formula
> took it and gave me the data needed to program the
> freq chip.
> Do you need the specs ?? and photos??

Yes, please send specs photos and prices.

Regards, Mike N8RQU

_____
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http://www.yahoo.com/r/hs

55. Re: [harris-radio] Re: Harris-Radio UHF

Yahoo group: harris-radio
Date: 2005-10-21 00:49:17 UTC
From: RWaldmiller
Topic: 17 Message: 55

Hi Mike
Here are the specs for the 2000 uhf.
****
Alpha 2000 UHF Transceiver REPEATER

Alpha 2000 (originally IMTS mobile telephones Harris RF);

UHF freq. Range 405 to 512 mhz;

Full duplex FM;

Separate Rx,Tx phased locked VCO's;

Freq. Tol. 5ppm or 2ppm;

Receiver sensitivity .25 to .5 uv for 12 db sinad;

Uhf rf power output 30 to 45 watts (w/o duplexer)(Duplexer not supplied);

Unit modified for separate Rx, Tx input/output connectors;

Requires 13.8 vDC at, 8 amps max UHF; Frequencies programmed into IC chip, 128 channels max;

Unit refurbushed, aligned, working ;

Upgraded with ULIB board (universal logic interface board);

ULIB is capable of 128 chan. binary selection by internal dip switch or externally with bcd lines or 16 chan selection by 16 lines, plus Rx Tx audio interfacing, COR line, PTT line and TCS adaptable;

Realigned to amateur freq's, 440 mhz bands.;

Needs an addition of a external Controller , Antenna's(2) or duplxer (1ant) for full repeater operation.

Can program for repeater freq's. before shipment up to 10 chan. (Programming requires a programmer capable of programming a 74S472 chip)

Additional cost for greater than 10 chan. Up to 128 is additional $1.00 Per channel.

Al-2103 Freq proms

NOTE Freqs VHF must be dividivisable by 5

Freqs UHF must be dividivisable by 12.5

Photo's available, contact by E mail

Each radio includes:

All schematics/prints of each board assembly and main interconnections
Power cable/connector 6-10 ft.

Connector/pins for external control cable

Tx PLL option information

Freq. Prom information programming

All covers and shields, top/bottom covers and key

Techanical/Help/Parts/bd assy's resource contacts

Will ship UPS/FedX ground to USA. Addresses only

Will accept Money Order/Cashers Checks, Certified check.

Total payment will be unit price plus shipping plus Extra freq. Progm'g if any.

****

Photo's see attachments

Regards

Roger w

waldrgrmllr@...

alphapapa

----- Original Message -----
From: Michael Shaffer
To: harris-radio@yahoogroups.com
Sent: Wednesday, October 19, 2005 10:04 PM
Subject: Re: [harris-radio] Re: Harris-Radio UHF

--- RWaldmiller <waldrgrmllr@...> wrote:

> Hi N8rqu:
> I still have the converted ALPHA 2000 UHF radios for
> sale.
> Your freq's should be OK The programming formula
> took it and gave me the data needed to program the
> freq chip.
> Do you need the specs ?? and photos??

Yes, please send specs photos and prices.

Regards, Mike N8RQU

_____
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[Non-text portions of this message have been removed]

56. alpha photo

Yahoo group: harris-radio
Date: 2005-10-21 01:00:46 UTC
From: Rwaldmiller
Topic: 56 Message: 56

I'll try again with the photos

Roger w

[Non-text portions of this message have been removed]

57. RF-1310 manual or schematic

Yahoo group: harris-radio
Date: 2005-11-30 20:41:47 UTC
From: braklaagte
Topic: 57 Message: 57

Hi all

I am looking for the manual or schematic for the Harris RF1310
exciter, any help please.

Thanks
Danie
ZS4JJ

E-mail braklaagte@...

58. TR-450 Repeater UHF

Yahoo group: harris-radio
Date: 2006-01-03 18:07:48 UTC
From: kirkland292002
Topic: 58 Message: 58

Looking for info and service manual for Fairon UHF
repeater..apparently this company was bought out by Harris
any info would be appreciated Tnx Bob VE1YM
E-mail me at oke@...

59. Re: [harris-radio] TR-450 Repeater UHF

Yahoo group: harris-radio
Date: 2006-01-04 13:54:26 UTC
From: Roger Waldmiller
Topic: 58 Message: 59

Good Morning Bob:
I am not familiar with a Fairon UHF TR-450 as such bought out by Harris.
Harris did make a UHF radios , repeaters CT-450, Rf-450 etc All were made by the RF Comm DIV of Harris.

If you have some photos of the unit that would make it easier to see if it is the RF COMM radio.

There is another Communiaction Co Named Harris Communications , I believe that had 2way radios . It was not connected with Harris CORP of which RF Comm is a div of.

Regards
Roger w
waldrgrmllr@...
alphapapa

60. Re: [harris-radio] TR-450 Repeater UHF

Yahoo group: harris-radio
Date: 2006-01-04 17:14:01 UTC
From: Bob
Topic: 58 Message: 60

Tnx for your reply..will take some photos and send them to you..this is the most ifo I have obtained since starting to looking for info..can I send them thru Yahoo groups or send them direct
Tnx again Bob
----- Original Message -----
From: Roger Waldmiller
To: harris-radio@yahoogroups.com
Sent: Wednesday, January 04, 2006 9:54 AM
Subject: Re: [harris-radio] TR-450 Repeater UHF

Good Morning Bob:
I am not familiar with a Fairon UHF TR-450 as such bought out by
Harris.
Harris did make a UHF radios , repeaters CT-450, Rf-450 etc All
were made by the RF Comm DIV of Harris.

If you have some photos of the unit that would make it easier to see
if it is the RF COMM radio.

There is another Communiaction Co Named Harris Communications , I
believe that had 2way radios . It was not connected with Harris CORP
of which RF Comm is a div of.

Regards
Roger w
waldrgrmllr@...
alphapapa

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[Non-text portions of this message have been removed]

61. Re: [harris-radio] TR-450 Repeater UHF

Yahoo group: harris-radio
Date: 2006-01-04 19:10:58 UTC
From: Roger Waldmiller
Topic: 58 Message: 61

Bob
You can send then direct if you wish.
Send them in JPG format.

Roger w
waldrgrmllr@...
alaphapapa

62. Harris repeater on EBAY!

Yahoo group: harris-radio
Date: 2006-02-10 23:51:18 UTC
From: n8rqu
Topic: 62 Message: 62

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=5865418102&rd=1&sspagename=STRK%3AMESE%3AIT&rd=1

63. Harris RF-131 need Mike pinout

Yahoo group: harris-radio
Date: 2006-02-14 19:09:06 UTC
From: aurizon
Topic: 63 Message: 63

I have one of these I am trying to fire up and I have no mike for it.
I can probably wire up a mobile mike of some kind if I fiddle around,
but possibly someone here can save me some time?

Bill VE3GXR

65. new member

Yahoo group: harris-radio
Date: 2006-07-14 22:13:39 UTC
From: jim
Topic: 65 Message: 65

I just got a harris RT-1446
The radio works grate but the back lights for the read outs do not
light . any advice on what to do or how to fix it

66. Re: new member

Yahoo group: harris-radio
Date: 2006-07-18 22:10:01 UTC
From: k7yoo
Topic: 65 Message: 66

--- In harris-radio@yahoogroups.com, "jim" <fred_erickson@...> wrote:
>
> I just got a harris RT-1446
> The radio works grate but the back lights for the read outs do not
> light . any advice on what to do or how to fix it
>
Very common problem and is most likely a result of a failure of the small inverter module on the readout board. The display actually runs on 110V 400hz ac generated by this tiny module. I have found replacement modules that look like they will work listed in the Digi-Key catalog (at least they were 2 years ago). I went to the manufacturer website and it looks like these little inverters for running electroluminescent displays are rated by display size (surface area). I doubt that you will be able to find the exact replacement module but you should be able to get one of these to work. I have also purchased the luminescent material and an "experimenter" inverter from Allectronics --one of the "hobby" suppliers in Van Nuys,CA. The material worked well but diassembling the display itself is a very delicate operation and not recommended.

67. rf-3200 ALE

Yahoo group: harris-radio
Date: 2006-07-30 11:21:39 UTC
From: ke6cvh
Topic: 67 Message: 67

Hello,
I own a RF-3230 with a RT-1446. I want to use ALE (I am in the military on top of being a ham). Options seem to be
1-find an RF-3200 with ALE installed
2-find a 7210A ALE controller with cables
3-figure out a way to control my RT-1446 with an ALE computer program that I can download from the www.HFlink website (I don't think this is much of an option).
Anyone out there wanting to sell the RF-3200 with ALE or the 7210A ale controller please drop me a line.
Best Regards,
Mike

68. RE: [harris-radio] rf-3200 ALE

Yahoo group: harris-radio
Date: 2006-08-01 00:50:06 UTC
From: Roger Waldmiller
Topic: 67 Message: 68

Hello KE6CVH

I take it the RF3230 with the RT1446(rf 350) does not have the ALE which would be in the Rf7210

2... The 7210 and the 7210A are identical , the 7210A has provisions for ext mic and speaker. The units are ALE with full ALPHANUMERICAL REAOUT, Programming.

1... the Rf 3200 can have ALE BUT it is NOT ALPHANUMERICAL, using 3 digit numbers only as ID;s.
You would also need the option to controll the 3230 PA, another option (Rf-3220) bd
The ALE bd is 10212-7000 bd , and if the logic bd in the radio doesn't have the IC'c installed for the option, you will need more bds, hardware cabling

The rf-3200 E series does have in the ALE option full ALPHANURMERIC capabilities.

3... There is a PC program By Haris the will control the ALE via the 1446/7210 BUT it is HARRIS PRIORITY AND NONRELEASEABLE EXCEPT THRU Harris and many form releases must be approved. It is a dead product and not supported. No contascts personal are available for this.

Note:
Instead of using the 1446 and 7210 with the 3230, the 3200E radio with the ALE and 3220 KW options would be the way to go. Besides the 3200 E has a serial function you can use to connect to a PC and do ssb and ALE functions via asci via HYPER TERMINAL or by PROCOMM programs. You cann't however program ssb and ALE datg setups, that has to be donE manully via ythe keypad..

The 3230 sevice manual has information on the useage with a 3200/3200E section 5

If you need more information or questions , I am available.

I do have alpha 2000 series VHF and UHF (mobile tele unit converted to repeaters) and the older 3200's
THe 3200 E series is still supported by Harris, but I have seen them on E bay and some surplus sites

Regards
Roger w

Roger Waldmiller
waldrgrmllr@...

alphapapa..3200..2000

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of ke6cvh
Sent: Sunday, July 30, 2006 7:22 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] rf-3200 ALE

Hello,
I own a RF-3230 with a RT-1446. I want to use ALE (I am in the military on top of being a ham). Options seem to be
1-find an RF-3200 with ALE installed
2-find a 7210A ALE controller with cables
3-figure out a way to control my RT-1446 with an ALE computer program that I can download from the www.HFlink website (I don't think this is much of an option).
Anyone out there wanting to sell the RF-3200 with ALE or the 7210A ale controller please drop me a line.
Best Regards,
Mike

[Non-text portions of this message have been removed]

70. Service manual / schematic for Harris RF-3272E ALE Option for RF-3200E

Yahoo group: harris-radio
Date: 2006-10-18 12:01:45 UTC
From: arclight_arclight
Topic: 70 Message: 70

All: I am almost done restoring a Harris RF-3200E with the ALE option. This one was apparently dropped on its front; the shaft encoder was damaged and the mike connector bent, after which it apparently sat in a box for a very long time. I corrected the shaft encoder by picking an optical encoder that would fit in the space available (Harris didn't respond to my request for a quote on a new encoder). The radio now seems to operate correctly.

The ALE option board also appears to work but doesn't remember individual or group IDs; the real-time clock can be set but doesn't appear to run. This looks like a memory backup voltage issue, but I don't have service data to be able to correct it.

Does someone out there in Harris land have a service manual and schematic for the ALE option board for the RF-3200E? Also, any experiences, helpful hints, etc., on how to set up and use the radio will be much appreciated.

Thanks to all.

Dave WB4FUR

71. RE: [harris-radio] Service manual / schematic for Harris RF-3272E ALE Option for RF-3200E

Yahoo group: harris-radio
Date: 2006-10-18 23:46:47 UTC
From: Roger Waldmiller
Topic: 70 Message: 71

Hello WB4FUR:

I congratulate you on the repair and finding sub parts for the 3200E.
I would be interested in the part you found , substituted, for the encoder.
Harris part number is 10212-2052, zero stock. The 3200 E is still being
supported by HARRIS.

Your best bet in contacting Harris on Legacy products is to contact
"Product Service" dept for information. I presently am retired but do part
time work in Product Service. Rwaldmil@...

Yes , it does sound like the ALE battery is bad or very low. It is a 3.5
lithium battery , Harris part number is B41-0013-001(has a black cover it)
can sub with a B41-0013-002 (with out cover) Vendor battery number is
LTC-7PN , made by "Keeper" 3.5v at 750mAH.

A service manual for the RF-3200E is 10212-0300-20, the operators manual is
10212-0050-20, the Ale supplement is 10212-7003-20A (RF-3272E)
Service manual ordering can be done at the web site www.harris.comm
Go to the RF communications , then Support, then to Publications.

Product Service cannot sell parts by themselves. They can sell additional
parts if a unit or bd assembly is sent in for repair/estimate. Rates are
$80.00/hr plus shipping. Estimates are $120.00 if not approved plus
shipping.

Who or how did you contact for request for the part??? If SPARES , they do
have a mim of $250.00

Note :
I have seen manuals on E BAY for sale for the E, Try a GOOGLE with the part
numbers.!

Hope this helps

Regards
Roger w

Roger Waldmiller
waldrgrmllr@...
alphapapa 3200 2000rptr

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of arclight_arclight
Sent: Wednesday, October 18, 2006 8:02 AM

To: harris-radio@yahoogroups.com
Subject: [harris-radio] Service manual / schematic for Harris RF-3272E ALE Option for RF-3200E

All: I am almost done restoring a Harris RF-3200E with the ALE option. This one was apparently dropped on its front; the shaft encoder was damaged and the mike connector bent, after which it apparently sat in a box for a very long time. I corrected the shaft encoder by picking an optical encoder that would fit in the space available (Harris didn't respond to my request for a quote on a new encoder). The radio now seems to operate correctly.

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Does someone out there in Harris land have a service manual and schematic for the ALE option board for the RF-3200E? Also, any experiences, helpful hints, etc., on how to set up and use the radio will be much appreciated.

Thanks to all.

Dave WB4FUR

[Non-text portions of this message have been removed]

72. RE: [harris-radio] Service manual / schematic for Harris RF-3272E ALE Option for RF-3200E

Yahoo group: harris-radio
Date: 2006-10-19 00:42:33 UTC
From: Dave Maples
Topic: 70 Message: 72

MessageRoger: Thanks very much for the nice reply.

After some study, I picked a particular optical encoder from Newark. Here are the particulars:

ITEM DETAILS:

Newark InOne Part #:58K1371; Rotary Encoder Output Type:2 Bit Quadrature; Leaded Process Compatible:Yes; Counts Per Revolution:32; Mechanical Angle/Rotation:360 ; Rotational Life Revolutions:1000000; Shaft Length:25mm; Supply Voltage:5VDC

Quantity: 1 @ $26.050 = $26.05

This one only puts out 32 counts per revolution vs. the original 50. I could have gotten a 64-count version, but chose not to (didn't want to be too fast, and I was guessing it would work). It doesn't fit in the original lead holes--I had to solder short leads to the encoder to hit the original holes, and I had to find a place to land a ground lead, but no big deal.

The Harris folks sure put together excellent documentation. I have a URC-94 from Harris, and the service manual is everything a tech could ask for.

I don't know who I spoke with at Harris, but she indicated that she'd send me a quote, and she never did. Since the part is out of stock, I don't guess I'm surprised.

I'm really pleased with the 3200E. I picked it up at a hamfest for a relative song. I haven't put too much time into it, and now I'm going to walk off with a successful ALE radio. I am very, very grateful that I have been so blessed. I'm a MARS member and a representative to the Federal SHARES program, and the ALE functionality will come in very handy indeed.

Dave WB4FUR

-----Original Message-----
From: Roger Waldmiller [mailto:waldrgrmllr@...]
Sent: Wednesday, October 18, 2006 7:47 PM
To: harris-radio@yahoogroups.com
Cc: 'arclight_arclight'
Subject: RE: [harris-radio] Service manual / schematic for Harris RF-3272E ALE Option for RF-3200E

Hello WB4FUR:

I congratulate you on the repair and finding sub parts for the 3200E.
I would be interested in the part you found , substituted, for the encoder. Harris part number is 10212-2052, zero stock. The 3200 E is still being supported by HARRIS.

Your best bet in contacting Harris on Legacy products is to contact "Product Service" dept for information. I presently am retired but do part time work in Product Service. Rwaldmil@...

Yes , it does sound like the ALE battery is bad or very low. It is a 3.5 lithium battery , Harris part number is B41-0013-001(has a black cover it) can sub with a B41-0013-002 (with out cover) Vendor battery number is LTC-7PN , made by "Keeper" 3.5v at 750mAH.

A service manual for the RF-3200E is 10212-0300-20, the operators manual is 10212-0050-20, the Ale supplement is 10212-7003-20A (RF-3272E)
Service manual ordering can be done at the web site www.harris.comm
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Who or how did you contact for request for the part??? If SPARES , they do have a mim of $250.00

Note :
I have seen manuals on E BAY for sale for the E, Try a GOOGLE with the part numbers.!

Hope this helps

Regards
Roger w

Roger Waldmiller
waldrgrmllr@...
alphapapa 3200 2000rptr

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
On Behalf Of arclight_arclight
Sent: Wednesday, October 18, 2006 8:02 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Service manual / schematic for Harris RF-3272E
ALE Option for RF-3200E

All: I am almost done restoring a Harris RF-3200E with the ALE option. This one was apparently dropped on its front; the shaft encoder was damaged and the mike connector bent, after which it apparently sat in a box for a very long time. I corrected the shaft encoder by picking an optical encoder that would fit in the space available (Harris didn't respond to my request for a quote on a new

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Does someone out there in Harris land have a service manual and schematic for the ALE option board for the RF-3200E? Also, any experiences, helpful hints, etc., on how to set up and use the radio will be much appreciated.

Thanks to all.

Dave WB4FUR

[Non-text portions of this message have been removed]

73. Harris RF-3200E operation

Yahoo group: harris-radio
Date: 2006-12-25 03:01:53 UTC
From: arclight_arclight
Topic: 73 Message: 73

All: Is anyone out there using the subject radio for ALE?

Mine will sound for what appears to be a full minute on each of the frequencies that are loaded into a given group. Everything else seems to be normal. Normal sounding on other radios I have used (e.g. Transworld) seems to be 10-15 seconds.

As a result of this I am not attempting yet to put the station on the air and really use the ALE functionality.

I can't find anything in the setup that allows this to be adjusted.

Is this normal, or should I go looking for something else?

Thanks,
Dave WB4FUR / AFA2WZ

74. RE: [harris-radio] Harris RF-3200E operation

Yahoo group: harris-radio
Date: 2006-12-28 16:36:03 UTC
From: Roger Waldmiller
Topic: 73 Message: 74

Hi Dave and all:
The 3200E ALE is MIL std 188A, with ALPHANUMERIC IDs
Channel Tx time is determined by the number of channels set to scan. default is 100. This setting is available in ALE mode under "Configuration". Must use level 2 , Security , Password.
If you config the unit for 1 channel scan , and the measure the time of Tx when doing a "Call" . This would give you an approx time of tx for each channel. Take that time times the number of channels will give you how long the Time it will transmit per channel. I have not actually done this BUT I know that the more channels scanned , the longer the time on each channel . This is so the calling units can respond / see the channel you are calling on and Id who it is for and respond if it is for that unit. This protocol cannot be changed (mil std 188a).
It sounds like the Transworld unit uses a different protocol other than mIL std 188 and would not react to a 3200e.
It would probably good to try a test between the 2 to see if it would work.

Regards

Roger Waldmiller
waldrgrmllr@...
alphapapa 3200 2000rptr

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of arclight_arclight
Sent: Sunday, December 24, 2006 10:02 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris RF-3200E operation

All: Is anyone out there using the subject radio for ALE?

Mine will sound for what appears to be a full minute on each of the frequencies that are loaded into a given group. Everything else seems to be normal. Normal sounding on other radios I have used (e.g. Transworld) seems to be 10-15 seconds.

As a result of this I am not attempting yet to put the station on the air and really use the ALE functionality.

I can't find anything in the setup that allows this to be adjusted.

Is this normal, or should I go looking for something else?

Thanks,
Dave WB4FUR / AFA2WZ

[Non-text portions of this message have been removed]

75. RE: [harris-radio] Harris RF-3200E operation

Yahoo group: harris-radio
Date: 2006-12-29 00:54:14 UTC
From: Dave Maples
Topic: 73 Message: 75

MessageAll: Never in a bazillion years would I have connected the number of channels scanned to the sounding interval. I adjusted the number of scanned channels to the actual number (14) and lo and behold, the 3200E sounds just the way I expected it would.

Many thanks to Roger for unlocking this aspect of the 3200E.

Dave WB4FUR
-----Original Message-----
From: Roger Waldmiller [mailto:waldrgrmllr@...]
Sent: Thursday, December 28, 2006 11:36 AM
To: harris-radio@yahoogroups.com
Cc: 'Dave Maples'
Subject: RE: [harris-radio] Harris RF-3200E operation

Hi Dave and all:
The 3200E ALE is MIL std 188A, with ALPHANUMERIC IDs
Channel Tx time is determined by the number of channels set to scan.
default is 100. This setting is available in ALE mode under "Configuration".
Must use level 2 , Security , Password.
If you config the unit for 1 channel scan , and the measure the time of
Tx when doing a "Call" . This would give you an approx time of tx for each
channel. Take that time times the number of channels will give you how long
the Time it will transmit per channel. I have not actually done this BUT I
know that the more channels scanned , the longer the time on each channel .
This is so the calling units can respond / see the channel you are calling
on and Id who it is for and respond if it is for that unit. This protocol
cannot be changed (mil std 188a).
It sounds like the Transworld unit uses a different protocol other than
mIL std 188 and would not react to a 3200e.
It would probably good to try a test between the 2 to see if it would
work.

Regards

Roger Waldmiller
waldrgrmllr@...
alphapapa 3200 2000rptr
-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
On Behalf Of arclight_arclight
Sent: Sunday, December 24, 2006 10:02 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris RF-3200E operation

All: Is anyone out there using the subject radio for ALE?

Mine will sound for what appears to be a full minute on each of the frequencies that are loaded into a given group. Everything else seems to be normal. Normal sounding on other radios I have used (e.g. Transworld) seems to be 10-15 seconds.

As a result of this I am not attempting yet to put the station on the air and really use the ALE functionality.

I can't find anything in the setup that allows this to be adjusted.

Is this normal, or should I go looking for something else?

Thanks,
Dave WB4FUR / AFA2WZ

[Non-text portions of this message have been removed]

76. Looking for people using the RF7210A

Yahoo group: harris-radio
Date: 2007-01-19 18:04:56 UTC
From: ab8al
Topic: 76 Message: 76

I would like to talk with the people using the RF7210A with the Harris RF 350K. I am interested in cabling, programming and interfacing if possible to allow a computer to work as a dumb terminal for it.

Terry

77. RF-2301A

Yahoo group: harris-radio
Date: 2007-05-01 22:46:05 UTC
From: sesykes71
Topic: 77 Message: 77

Anyone have a manual for an RF-2301A they want to part with. Also am looking for a schematic for an RF-236 Power supply. It is included in the back of the manual of an RF-230 and may also be available on its own.
Thanks,
Steve
KD2OM

78. amp help

Yahoo group: harris-radio
Date: 2007-05-02 22:22:14 UTC
From: jim
Topic: 78 Message: 78

any one know how to connect a harris am-7223 amp up to a yaesu 767gx transciever i need to know what pinouts have to be used on the db26 plug on the back of the amp . weather the amp is a non-qsk amp and what other connections i have to make
fred
afa1vy

79. Re: [harris-radio] amp help

Yahoo group: harris-radio
Date: 2007-05-03 00:21:27 UTC
From: Terry
Topic: 78 Message: 79

Jim,

I think you ment DB25 What are you expecting the Yaesu to do???? It will not work as an autotune amp from the radio with out some interface. Do you have the manual? Do a search and you should find the download site. I can't recall offhand. I think you should be able to get the amp to power up with a jumper to ground on one of the pins and key the amp with the radio but will need to manual tune it using the band selector and toggle switchs. I can look around for my manual and talk with you further if to try and figure out what you need. If anyone has come up with the interface to run this in auto mode with a ham radio please post the info.

Terry
ab8al
--- jim <fred_erickson@...> wrote:

> any one know how to connect a harris am-7223 amp up
> to a yaesu 767gx
> transciever i need to know what pinouts have to be
> used on the db26
> plug on the back of the amp . weather the amp is a
> non-qsk amp and
> what other connections i have to make
> fred
> afa1vy
>
>

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80. Re: amp help

Yahoo group: harris-radio
Date: 2007-05-03 01:11:50 UTC
From: kg4ojz
Topic: 78 Message: 80

--- In harris-radio@yahoogroups.com, "jim" <fred_erickson@...> wrote:
Not really, but the band selector info does come out on the din plug.
I'm doing something simular to your project, mating a Yaesu FT-1000 Mk 5 Field to a Harris RF-110 amplifier (two 4cx1500s). I have three RF-110 amplifiers here, one mated with an RF-2305 tranceiver, one mated to an RF-130-122 isb transmitter, and the third will go to the Yaesu. I also have 6 single phase supplies.
The RF-110's drive requirements are only 100 mw., so padding it down is my big problem.
I don't want to modify the Yaesu or the amp., on the other hand, I don't want 25 watts going into a amplifier that requires 100mw drive.
Did you check bama? I think if you do a search you might find some interface info. Manuals for your amp should be avaliable from Toronto Surplus. I also recall that it's a non QSK amplifier.
Good Luck,
Bob
Bob KG4OJZ (ex K1SUI)
Broadcast Transmitter Engineer
>
> any one know how to connect a harris am-7223 amp up to a yaesu 767gx
> transciever i need to know what pinouts have to be used on the db26
> plug on the back of the amp . weather the amp is a non-qsk amp and
> what other connections i have to make
> fred
> afa1vy
>

81. AM-7223

Yahoo group: harris-radio
Date: 2007-05-03 01:24:50 UTC
From: Garry Hawkinson
Topic: 81 Message: 81

Hi Jim and Terry,
I have been trying to figure this out for some weeks now and it's making me crazy! On the amp DB-25 connector, pin 7 needs 13 VDC for the amp to turn on, separate from the amp on/off switch. This is supplied from the RF350K and the amp is keyed from the RF350K through the DB-25 pin 6 (brought to ground). Nothing to complicated here I thought. I'll just use a wallwart for the 13 volts and bring pin 6 to ground with my PRO lll. But when you use the local key to turn on the high voltage, the amp keys. The RF350K tells the amp to turn on and the high voltage to come on with serial (8 bit I think) data. I suppose the next step is to capture the data word with something and program a PIC to do the same thing. I wonder how happy Harris would be if we reverse engineered some of the commands to make the amp work without the RF350K. I have the manuals for the amp in Adobe format; if you can handle large files I will email them to you, or go to www.petergottlieb.com/links/html. He is a great guy and has many Harris manuals on his web site. This is a great amp and I sure would like to use it with my xcvrs. I hope this email makes sense. Would enjoy hearing your thoughts.
73, Garry W0ELH

Ahhh...imagining that irresistible "new car" smell?
Check outnew cars at Yahoo! Autos.

[Non-text portions of this message have been removed]

82. Re: [harris-radio] AM-7223

Yahoo group: harris-radio
Date: 2007-05-03 02:10:49 UTC
From: rjgunther@hotmail.com
Topic: 81 Message: 82

Isn't the band data done by bcd like the RF-110?
----- Original Message -----
From: Garry Hawkinson
To: harris-radio@yahoogroups.com
Sent: Wednesday, May 02, 2007 21:24
Subject: [harris-radio] AM-7223

Hi Jim and Terry,
I have been trying to figure this out for some weeks now and it's making me crazy! On the amp DB-25 connector, pin 7 needs 13 VDC for the amp to turn on, separate from the amp on/off switch. This is supplied from the RF350K and the amp is keyed from the RF350K through the DB-25 pin 6 (brought to ground). Nothing to complicated here I thought. I'll just use a wallwart for the 13 volts and bring pin 6 to ground with my PRO lll. But when you use the local key to turn on the high voltage, the amp keys. The RF350K tells the amp to turn on and the high voltage to come on with serial (8 bit I think) data. I suppose the next step is to capture the data word with something and program a PIC to do the same thing. I wonder how happy Harris would be if we reverse engineered some of the commands to make the amp work without the RF350K. I have the manuals for the amp in Adobe format; if you can handle large files I will email them to you, or go to www.petergottlieb.com/links/html. He is a great guy and has many Harris manuals on his web site. This is a great amp and I sure would like to use it with my xcvrs. I hope this email makes sense. Would enjoy hearing your thoughts.
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Check outnew cars at Yahoo! Autos.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

83. Re: [harris-radio] AM-7223

Yahoo group: harris-radio
Date: 2007-05-03 02:22:02 UTC
From: Terry
Topic: 81 Message: 83

Garry,

I will need to check the manual tomorrow but what
happens if you leave the "local key" in the off
position and try keying via pin 6? I thought local was
intended to do exactly what you desribed.

Terry
--- Garry Hawkinson <garryhawkinson@...> wrote:

> Hi Jim and Terry,
> I have been trying to figure this out for some
> weeks now and it's making me crazy! On the amp
> DB-25 connector, pin 7 needs 13 VDC for the amp to
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>
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> [Non-text portions of this message have been
> removed]
>
>

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http://mail.yahoo.com

84. Re: [harris-radio] AM-7223

Yahoo group: harris-radio
Date: 2007-05-03 02:49:42 UTC
From: Garry Hawkinson
Topic: 81 Message: 84

Terry,
The only way you can get the high voltage to come on and place the amp in operate (as I understand it) is to turn on the local key when the band switch is in the manual position. The amp then keys. This is what happens with mine and is as described in the On Equipment Manual T.O. 31R2-2URC-101. (I have a copy in PDF I can send). The data is applied to the amp via pins 5 and 18, data + and data - TTL level logic. What the format is I don't know.

Best, Garry
Terry <ab8al@...> wrote:
Garry,

I will need to check the manual tomorrow but what
happens if you leave the "local key" in the off
position and try keying via pin 6? I thought local was
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> [Non-text portions of this message have been
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[Non-text portions of this message have been removed]

85. Re: [harris-radio] AM-7223

Yahoo group: harris-radio
Date: 2007-05-03 11:32:19 UTC
From: Terry
Topic: 81 Message: 85

Gary do you have the operating manual or the depot
manual. I only have the depot so could use the
operating manual if you have it.

Terry
--- Garry Hawkinson <garryhawkinson@...> wrote:

> Terry,
> The only way you can get the high voltage to come
> on and place the amp in operate (as I understand it)
> is to turn on the local key when the band switch is
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> think)
> > data. I suppose the next step is to capture the
> > data word with something and program a PIC to do
> the
> > same thing. I wonder how happy Harris would be if
> > we reverse engineered some of the commands to make
> > the amp work without the RF350K. I have the
> manuals
> > for the amp in Adobe format; if you can handle
> large
> > files I will email them to you, or go to
> > www.petergottlieb.com/links/html. He is a great
> > guy and has many Harris manuals on his web site.
> > This is a great amp and I sure would like to use
> it
> > with my xcvrs. I hope this email makes sense.
> > Would enjoy hearing your thoughts.
> > 73, Garry W0ELH
> >
> >
> > ---
> > Ahhh...imagining that irresistible "new car"
> smell?
> > Check outnew cars at Yahoo! Autos.
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
> protection around
> http://mail.yahoo.com
>
>
>
>
>
> ---
> Ahhh...imagining that irresistible "new car" smell?
> Check outnew cars at Yahoo! Autos.
>
> [Non-text portions of this message have been
> removed]
>
>

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

86. Re: RF-2301A

Yahoo group: harris-radio
Date: 2007-05-13 03:36:24 UTC
From: john liner
Topic: 77 Message: 86

Steve, I have a manual.
John N2WHT
Radio Free Ontario

<kd2om@...> wrote:
>
> Anyone have a manual for an RF-2301A they want to part with. Also am
> looking for a schematic for an RF-236 Power supply. It is included in
> the back of the manual of an RF-230 and may also be available on its
own.
> Thanks,
> Steve
> KD2OM
>

87. 1446 relays

Yahoo group: harris-radio
Date: 2007-05-13 12:04:38 UTC
From: davidfavaro2000
Topic: 87 Message: 87

Hello to all...I still have new Aromat AW141198 relays if needed.

88. Harris RF-3200 with ALE

Yahoo group: harris-radio
Date: 2007-05-17 17:53:11 UTC
From: zsppretoria
Topic: 88 Message: 88

As I do not need the ALE how do I remove/disconnect the unit and are there any takers for the unit?

Tjerk ZS6P
zs6p@...

89. Harris RF-3200 and RF-3200E

Yahoo group: harris-radio
Date: 2007-05-17 17:56:25 UTC
From: zsppretoria
Topic: 89 Message: 89

What is the difference between the RF-3200 and the RF-3200E?

The reason I am asking this is that I need a service manual for the RF-3200 but the only one available is for the RF-3200E

Tjerk ZS6P
zs6p@...

90. RE: [harris-radio] Harris RF-3200 with ALE

Yahoo group: harris-radio
Date: 2007-05-18 13:55:32 UTC
From: Roger Waldmiller
Topic: 88 Message: 90

Hello ZS6P Tjerk:
To remove the ALE function from the radio , remove the 64 pin ribbon cable and the 4 pin power cable from the ale board. And if you want , remove the board itself. Removing the cables will effectively stop the ALE option from being recognized.

It you are serious about selling the 3200, contact V44KAI (v44kai@...) in St. Kitts , West Indies

Regards
Roger w
Roger Waldmiller
waldrgrmllr@...
alphapapa 3200 2000rptr

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of zsppretoria
Sent: Thursday, May 17, 2007 1:53 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris RF-3200 with ALE

As I do not need the ALE how do I remove/disconnect the unit and are there any takers for the unit?

Tjerk ZS6P
zs6p@iafrica. <mailto:zs6p%40iafrica.com> com

[Non-text portions of this message have been removed]

91. RE: [harris-radio] Harris RF-3200 and RF-3200E

Yahoo group: harris-radio
Date: 2007-05-18 14:06:57 UTC
From: Roger Waldmiller
Topic: 89 Message: 91

Hello ZS6P Tjerk.

The difference between the 3200 and the 3200E is 3 or 4 bds. A1 front panel bd uses LCD display, the A7 LOGIC bd , the ALE bd, and sometimes the A2 audio bd.
The 3200 uses a 7 segment display and requires a power supply on the A2 audio bd
The 3200 E uses LCD display alphanumeric and doesn't use the power supply on the A2 bd.
The A7 logic bds are different, but with proper firmware can be used in the 3200 older radio.
The Ale bds are different in as much that the E ale bd is alphanumeric ID's and the old ale bd is 3 digit numbers ID's.

The rest of the bds in the unit are compatible with each other.

You could use the 3200 E service manual , only the A1, A7 bds would not be in it. I could help if needed by mail with those bds.

Regards
Roger w
Roger Waldmiller
waldrgrmllr@...
alphapapa 3200 2000rptr

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of zsppretoria
Sent: Thursday, May 17, 2007 1:56 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris RF-3200 and RF-3200E

What is the difference between the RF-3200 and the RF-3200E?

The reason I am asking this is that I need a service manual for the RF-3200 but the only one available is for the RF-3200E

Tjerk ZS6P
zs6p@iafrica. <mailto:zs6p%40iafrica.com> com

[Non-text portions of this message have been removed]

92. RE: [harris-radio] Harris RF-3200 with ALE

Yahoo group: harris-radio
Date: 2007-05-19 16:52:48 UTC
From: Dave Maples
Topic: 88 Message: 92

All: Why disable the ALE? In the 3200E, it can be turned off as an option.
Turn it off and otherwise leave it alone...

Dave WB4FUR
-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]On
Behalf Of Roger Waldmiller
Sent: Friday, May 18, 2007 9:56 AM
To: harris-radio@yahoogroups.com
Cc: zs6p@...
Subject: RE: [harris-radio] Harris RF-3200 with ALE

Hello ZS6P Tjerk:
To remove the ALE function from the radio , remove the 64 pin ribbon cable
and the 4 pin power cable from the ale board. And if you want , remove the
board itself. Removing the cables will effectively stop the ALE option
from
being recognized.

It you are serious about selling the 3200, contact V44KAI
(v44kai@...) in St. Kitts , West Indies

Regards
Roger w
Roger Waldmiller
waldrgrmllr@...
alphapapa 3200 2000rptr

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
On
Behalf Of zsppretoria
Sent: Thursday, May 17, 2007 1:53 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris RF-3200 with ALE

As I do not need the ALE how do I remove/disconnect the unit and are
there any takers for the unit?

Tjerk ZS6P
zs6p@iafrica. <mailto:zs6p%40iafrica.com> com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

93. RE: [harris-radio] Harris RF-3200 with ALE

Yahoo group: harris-radio
Date: 2007-05-19 19:22:58 UTC
From: Roger Waldmiller
Topic: 88 Message: 93

All:
Yes , that is another way BUT if you are in the A group or its sub
1,2,3,4,5,6,7,8,9, and you turn off the unit , then turn it back on the ALE
IS REACTIVATED. This happens in an E and the older 3200 ALE.

Roger w

Roger Waldmiller
waldrgrmllr@...
alphapapa 3200 2000rptr

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of Dave Maples
Sent: Saturday, May 19, 2007 12:53 PM
To: harris-radio@yahoogroups.com
Cc: zs6p@...
Subject: RE: [harris-radio] Harris RF-3200 with ALE

All: Why disable the ALE? In the 3200E, it can be turned off as an option.
Turn it off and otherwise leave it alone...

Dave WB4FUR
-----Original Message-----
From: harris-radio@ <mailto:harris-radio%40yahoogroups.com> yahoogroups.com
[mailto:harris-radio@ <mailto:harris-radio%40yahoogroups.com>
yahoogroups.com]On
Behalf Of Roger Waldmiller
Sent: Friday, May 18, 2007 9:56 AM
To: harris-radio@ <mailto:harris-radio%40yahoogroups.com> yahoogroups.com
Cc: zs6p@iafrica. <mailto:zs6p%40iafrica.com> com
Subject: RE: [harris-radio] Harris RF-3200 with ALE

Hello ZS6P Tjerk:
To remove the ALE function from the radio , remove the 64 pin ribbon cable
and the 4 pin power cable from the ale board. And if you want , remove the
board itself. Removing the cables will effectively stop the ALE option
from
being recognized.

It you are serious about selling the 3200, contact V44KAI
(v44kai@caribsurf. <mailto:v44kai%40caribsurf.com> com) in St. Kitts , West
Indies

Regards
Roger w
Roger Waldmiller

waldrgrmllr@ <mailto:waldrgrmllr%40frontiernet.net> frontiernet.net
alphapapa 3200 2000rptr

-----Original Message-----
From: harris-radio@ <mailto:harris-radio%40yahoogroups.com> yahoogroups.com
[mailto:harris-radio@ <mailto:harris-radio%40yahoogroups.com>
yahoogroups.com]
On
Behalf Of zsppretoria
Sent: Thursday, May 17, 2007 1:53 PM
To: harris-radio@ <mailto:harris-radio%40yahoogroups.com> yahoogroups.com
Subject: [harris-radio] Harris RF-3200 with ALE

As I do not need the ALE how do I remove/disconnect the unit and are
there any takers for the unit?

Tjerk ZS6P
zs6p@iafrica. <mailto:zs6p%40iafrica.com> com

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

96. Baited breath

Yahoo group: harris-radio
Date: 2007-07-22 14:06:24 UTC
From: Cortland Richmond
Topic: 96 Message: 96

That's what I have waiting for my ex-CanForce RF-3200 from ebay. I have no idea idea what model 3200 it is and whether the passwords come with it.

Coretland
KA5S/AAR5UT

[Non-text portions of this message have been removed]

97. Re: Baited breath

Yahoo group: harris-radio
Date: 2007-07-23 13:50:09 UTC
From: k4alphapapa
Topic: 96 Message: 97

Hello KA5S/AAR5ut
When you get the 3200 in your hands , drop me a line with your questions about it.
Roger
waldrgrmllr@...
alphpapa 2000/3200

--- In harris-radio@yahoogroups.com, "Cortland Richmond" <ka5s@...> wrote:
>
> That's what I have waiting for my ex-CanForce RF-3200 from ebay. I have no idea idea what model 3200 it is and whether the passwords come with it.
>
>
> Coretland
> KA5S/AAR5UT
>
> [Non-text portions of this message have been removed]
>

99. SPAMERS

Yahoo group: harris-radio
Date: 2007-07-25 01:43:50 UTC
From: va3rzs
Topic: 99 Message: 99

Sorry to the group for letting the Spamers in ..

Now the group is a CLOSED/restricted (to new members) group and I hope this will keep the spammers at bay ..

I hope every one is have'n a good summer

Rick
List owner

100. Re: Baited breath

Yahoo group: harris-radio
Date: 2007-07-27 17:52:51 UTC
From: Cortland
Topic: 96 Message: 100

Wilco! It's due in today!

Cortland
KA5S

--- In harris-radio@yahoogroups.com, "k4alphapapa" <waldrgrmllr@...>
wrote:
>
> Hello KA5S/AAR5ut
> When you get the 3200 in your hands , drop me a line with your
> questions about it.
> Roger
> waldrgrmllr@...
> alphpapa 2000/3200
>
>
> --- In harris-radio@yahoogroups.com, "Cortland Richmond" <ka5s@>
> wrote:
> >
> > That's what I have waiting for my ex-CanForce RF-3200 from ebay.
> I have no idea idea what model 3200 it is and whether the passwords
> come with it.
> >
> >
> > Coretland
> > KA5S/AAR5UT
> >
> > [Non-text portions of this message have been removed]
> >
>

101. RF-3200 ... uh oh.

Yahoo group: harris-radio
Date: 2007-07-28 02:40:38 UTC
From: Cortland
Topic: 96 Message: 101

I tried it out. OUTSTANDING radio.

Then I took the covers off to see what boards and filters were installed -- and when I put it back together, it would no longer turn on. I have checked both the rear 8 amp fuse and the fuse on the PA. Suggestions?

Cortland
KA5S/AAR5UT

102. RE: [harris-radio] RF-3200 ... uh oh.

Yahoo group: harris-radio
Date: 2007-07-28 15:17:22 UTC
From: Roger Waldmiller
Topic: 96 Message: 102

Hi Cortland:
If you removed just the top and bottom covers , this should not have happened. Top cover is removed with 2 side screws on each side, and possible 2 screws in the rear thru the heat sink. The bottom cover is removed with 4 screws only , 3 along the rear edge and 1 in the middle near the front. If you removed the "Option tray with 4 screws , I could say that some cable connectors are loose or even disconnected.
Regards
Roger w

Roger Waldmiller
waldrgrmllr@...
alphapapa 3200 2000rptr

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Cortland
Sent: Friday, July 27, 2007 10:41 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-3200 ... uh oh.

I tried it out. OUTSTANDING radio.

Then I took the covers off to see what boards and filters were installed -- and when I put it back together, it would no longer turn on. I have checked both the rear 8 amp fuse and the fuse on the PA. Suggestions?

Cortland
KA5S/AAR5UT

[Non-text portions of this message have been removed]

103. RF-551 preselector manual & RF-350K/RF-355 pwr connectors

Yahoo group: harris-radio
Date: 2007-08-01 00:53:57 UTC
From: Jeff
Topic: 103 Message: 103

Looking for a couple things..
1. Manual on the RF-551 preselector.. Mine stopped working.. need ot fix it..
2. Know this probably bee asked before...But the Best place (cheapest) to get pwr. connectors for the RF-350k/RF-355..of course I got hold of a radio and amp with no cables... Saw that William Perry Co. had them but couldn't find much info. on the web..
Thanks for your help...

De Jeff WA1WXL

104. Re: RF-350K Power connector

Yahoo group: harris-radio
Date: 2007-09-14 22:26:20 UTC
From: Terry
Topic: 34 Message: 104

Guess what....

I just got off the phone with Spacecraft Components & they are still in business. I ordered two of the RT-1446 power connectors w/strain reliefs just like Niel did back in 2005. They set me right up & the cost was only $26.50 each set plus shipping. I'm so glad I found this Yahoo group! Next, I'll see if they have the connectors so I can make the control cable that runs to the CU-2310/URC antenna coupler.

Cheers,
Terry.
WA7PML/AFA5IR

--- In harris-radio@yahoogroups.com, Neil Xenias <k9ctb@...> wrote:
>
>
> Hello all....
>
> Just got off the telephone with Scott at Spacecraft Components Corporation of Las Vegas, NV. I have ordered two power connectors for the RT-1446/URC. This company sells retail to the general public, and I all had to do was read him the part numbers. There are separate part numbers for the connector and the strain relief. The strain relief is P/N MS-3057-12A, and the connector with pins is P/N 3106A20-8S. They're kinda pricey at $31.00 apiece but they *are* available. The telephone for these folks is (702) 851-7600. Hope this helps someone.
>
> 73 de neil (K9CTB/NNN0ZVU)
>
>
>
>
>
> ---
> Sell on Yahoo! Auctions - No fees. Bid on great items.
>

105. Faron or Fairon

Yahoo group: harris-radio
Date: 2007-09-16 19:42:56 UTC
From: Bob
Topic: 105 Message: 105

I have several UHF units made by Fairon(supposely bought out by Harris)
RF450 or TR 450..have no info on them..anyone have any idea where a person
might get info on these units
Much appreciated
73s Bob
Robert "Bob" Oke VE1YM
91 Allison Dr
Moncton NB
E1E 2T7
Canada

106. RE: [harris-radio] Faron or Fairon

Yahoo group: harris-radio
Date: 2007-09-17 19:57:47 UTC
From: Roger Waldmiller
Topic: 105 Message: 106

Hi Bob:

Interesting!!!! This question has come up in the past and I believe someone sent me a picture of a TR 450 . I'll have to find it .
I do not remember if it looked the same or not.

I have worked ay Harris since 1977 and also on all their 2 way units including the RF-450. As far I know they made the RF -450 all in Rochester NY , from engineering to sales to service. Fairon never came up.
They also made the CT and LT 450 and the Series 450 basically for mobile telephone. Many of the bds were interchangeable.

See attachments. IS THIS THE UNIT YOU MIGHT BE TALKING ABOUT.??

I have manuals on the Series 450 , CT LT 450, In fact I have several CT units for sale (cheap + shipping, I can Mail to Canada) , condition as is , never fired them up .

Regards
Roger w

Roger Waldmiller
waldrgrmllr@...
alphapapa 3200 2000rptr

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Bob
Sent: Sunday, September 16, 2007 3:43 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Faron or Fairon

I have several UHF units made by Fairon(supposely bought out by Harris) RF450 or TR 450..have no info on them..anyone have any idea where a person might get info on these units
Much appreciated
73s Bob
Robert "Bob" Oke VE1YM
91 Allison Dr
Moncton NB
E1E 2T7
Canada

[Non-text portions of this message have been removed]

107. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2007-10-02 23:47:17 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 107

```
Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /RT-1446 Modification/DRY SWITCHING FILTER MOD TEXT.txt
Uploaded by : wa7pml <barhata@...>
Description : Modification to automatically clean switching relay contacts

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/RT-1446%20Modification/DRY%20SWITCHING%20
FILTER%20MOD%20TEXT.txt

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

wa7pml <barhata@...>
```

108. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2007-10-02 23:48:05 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 108

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /RT-1446 Modification/DRY SWITCHING FILTER MOD DIAG.jpg
Uploaded by : wa7pml <barhata@...>
Description : Modification to automatically clean the switching relay contacts

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/RT-1446%20Modification/DRY%20SWITCHING%20FILTER%20MOD%20DIAG.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

wa7pml <barhata@...>

109. Modification for Auto Cleaning of RT-1446 Switching Relay Contacts

Yahoo group: harris-radio
Date: 2007-10-02 23:52:51 UTC
From: Terry
Topic: 109 Message: 109

With the author's permission, I have uploaded to the Files section a copy of the W7RPT modification that will automatically clean the switching relay contacts in the RT-1446 transceiver. This is a terrific way to extend the life of those pesky and hard to find relays!

Cheers,
Terry.
WA7PML

110. re: RT-1446 back light brightness question

Yahoo group: harris-radio
Date: 2007-11-16 00:31:50 UTC
From: Steve Hajducek
Topic: 110 Message: 110

Hello All,

I am new to the group as of today and although I have been programming for computer control of the RT-1446/RF-350K radios for some time now in the MARS-ALE (and now PC-ALE) software, I have only owned an RT-1446 for a few months now and I am learning more about these radios all the time (to include figuring out more computer control commands).

My unit works fine in all regards except one, the back light brightness is not at all apparent in a well lit room, however with the lights dim or out, the back light works much better, which is when its needed of course, but even then it still seems dim.

My questions are:

1. As described above, Is this is the normal operation of the back lighting or should it be visible even in normally lit rooms as seen in Harris sales materials?

2. How does one adjust the back light brightness if required?

3. If my unit is in need of repairs to the back light circuit based on my description, what is the likely issue?

Thanks in advance for any information.

Sincerely,

/s/ Steve, N2CKH/NNN0WWL

111. RE: [harris-radio] re: RT-1446 back light brightness question

Yahoo group: harris-radio
Date: 2007-11-16 01:26:11 UTC
From: Dave Maples
Topic: 110 Message: 111

Steve: From the RF-350K schematic, the display backlights are driven from 12VDC/115VAC inverters on the front panel. There is an adjustment (R50) for the brightness. There is also a jumper shown across that resistor in the schematic; I presume that the default is "full on" but if the jumper is removed then the brightness can be adjusted.

Dave WB4FUR

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]On Behalf Of Steve Hajducek
Sent: Thursday, November 15, 2007 7:32 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] re: RT-1446 back light brightness question

Hello All,

I am new to the group as of today and although I have been programming for computer control of the RT-1446/RF-350K radios for some time now in the MARS-ALE (and now PC-ALE) software, I have only owned an RT-1446 for a few months now and I am learning more about these radios all the time (to include figuring out more computer control commands).

My unit works fine in all regards except one, the back light brightness is not at all apparent in a well lit room, however with the lights dim or out, the back light works much better, which is when its needed of course, but even then it still seems dim.

My questions are:

1. As described above, Is this is the normal operation of the back lighting or should it be visible even in normally lit rooms as seen in Harris sales materials?

2. How does one adjust the back light brightness if required?

3. If my unit is in need of repairs to the back light circuit based on my description, what is the likely issue?

Thanks in advance for any information.

Sincerely,

/s/ Steve, N2CKH/NNN0WWL

[Non-text portions of this message have been removed]

112. Remote control board schematic and parts layout

Yahoo group: harris-radio
Date: 2007-11-16 01:36:15 UTC
From: Dave Maples
Topic: 110 Message: 112

All: I am trying to locate the schematic, parts layout, and description for the remote control board for the RF-350K. Mine is not communicating properly to the RF-7210 ALE controller, and I'm going to go in to troubleshoot, but I need documentation to do it effectively. Any help available?

Thanks,
Dave WB4FUR

[Non-text portions of this message have been removed]

113. Re: RT-1446 back light brightness question

Yahoo group: harris-radio
Date: 2007-11-16 01:36:52 UTC
From: donaldpoquette
Topic: 110 Message: 113

Thru out my 20Plus years of maintaining these radios in the AF, the backlighting was always a problem. After awhile of continous operation, the backlight will go out. Since we could not troubleshoot down to component level, we just replaced the entire circuit board. After awhile, certian maintenance shops stopped replacing the board if the only problem was the backlight.

Don Poquette
KE9XB

--- In harris-radio@yahoogroups.com, "Dave Maples" <dsmaples@...>
wrote:
>
> Steve: From the RF-350K schematic, the display backlights are
driven from
> 12VDC/115VAC inverters on the front panel. There is an adjustment
(R50) for
> the brightness. There is also a jumper shown across that resistor
in the
> schematic; I presume that the default is "full on" but if the
jumper is
> removed then the brightness can be adjusted.
>
>
>
> Dave WB4FUR
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-
radio@yahoogroups.com]On
> Behalf Of Steve Hajducek
> Sent: Thursday, November 15, 2007 7:32 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] re: RT-1446 back light brightness question
>
>
>
> Hello All,
>
> I am new to the group as of today and although I have been
> programming for computer control of the RT-1446/RF-350K radios for
> some time now in the MARS-ALE (and now PC-ALE) software, I have
only
> owned an RT-1446 for a few months now and I am learning more about
> these radios all the time (to include figuring out more computer

> control commands).
>
> My unit works fine in all regards except one, the back light
> brightness is not at all apparent in a well lit room, however with
> the lights dim or out, the back light works much better, which is
> when its needed of course, but even then it still seems dim.
>
> My questions are:
>
> 1. As described above, Is this is the normal operation of the back
> lighting or should it be visible even in normally lit rooms as
seen
> in Harris sales materials?
>
> 2. How does one adjust the back light brightness if required?
>
> 3. If my unit is in need of repairs to the back light circuit
based
> on my description, what is the likely issue?
>
> Thanks in advance for any information.
>
> Sincerely,
>
> /s/ Steve, N2CKH/NNN0WWL
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

114. Re: [harris-radio] Remote control board schematic and parts layout]

Yahoo group: harris-radio
Date: 2007-11-16 10:27:13 UTC
From: Steve Sykes
Topic: 114 Message: 114

The manual is on line in the remote control manual.
http://www.k7rdg.org/HarrisManuals
Steve
NNN0HSB/W2SES

Dave Maples wrote:
>
> All: I am trying to locate the schematic, parts layout, and
> description for
> the remote control board for the RF-350K. Mine is not communicating

115. Re: [harris-radio] Remote control board schematic and parts layout]

Yahoo group: harris-radio
Date: 2007-11-16 13:04:20 UTC
From: Terry
Topic: 114 Message: 115

The site listed doesn't come up.

--- Steve Sykes <stevesykes@...> wrote:

> The manual is on line in the remote control manual.
> http://www.k7rdg.org/HarrisManuals
> Steve
> NNN0HSB/W2SES
>
> Dave Maples wrote:
> >
> > All: I am trying to locate the schematic, parts
> layout, and
> > description for
> > the remote control board for the RF-350K. Mine is
> not communicating
>
>
>

Never miss a thing. Make Yahoo your home page.
http://www.yahoo.com/r/hs

116. Re: [harris-radio] Remote control board schematic and parts layout]

Yahoo group: harris-radio
Date: 2007-11-16 13:04:35 UTC
From: Terry
Topic: 114 Message: 116

The site listed doesn't come up.

--- Steve Sykes <stevesykes@...> wrote:

> The manual is on line in the remote control manual.
> http://www.k7rdg.org/HarrisManuals
> Steve
> NNN0HSB/W2SES
>
> Dave Maples wrote:
> >
> > All: I am trying to locate the schematic, parts
> layout, and
> > description for
> > the remote control board for the RF-350K. Mine is
> not communicating
>
>
>

Never miss a thing. Make Yahoo your home page.
http://www.yahoo.com/r/hs

117. Re: [harris-radio] Remote control board schematic and parts layout]

Yahoo group: harris-radio
Date: 2007-11-16 13:41:18 UTC
From: Cortland Richmond
Topic: 114 Message: 117

Take out "Harris".

Cortland
KA5S

> [Original Message]
> From: Terry <ab8al@...>
> To: <harris-radio@yahoogroups.com>
> Date: 11/16/2007 8:04:22 AM
> Subject: Re: [harris-radio] Remote control board schematic and parts
layout]
>
> The site listed doesn't come up.
>
> --- Steve Sykes <stevesykes@...> wrote:
>
> > The manual is on line in the remote control manual.
> > http://www.k7rdg.org/HarrisManuals
> > Steve
> > NNN0HSB/W2SES
> >
> > Dave Maples wrote:
> > >
> > > All: I am trying to locate the schematic, parts
> > layout, and
> > > description for
> > > the remote control board for the RF-350K. Mine is
> > not communicating
> >
> >
> >
>
>
>
>

> Never miss a thing. Make Yahoo your home page.
> http://www.yahoo.com/r/hs
>
>
>
> Yahoo! Groups Links
>
>

>

118. Re: [harris-radio] Re: RT-1446 back light brightness question

Yahoo group: harris-radio
Date: 2007-11-16 14:42:28 UTC
From: Steve Hajducek
Topic: 110 Message: 118

Hi Don,

Thanks for the feedback. Nice to see you on this board, I am seeing a lot of familiar people here from the posts.

Well then I guess its best to just leave it as be, I usually have the lights on any way.

Thanks again.

/s/ Steve, N2CKH/NNN0WWL

At 08:36 PM 11/15/2007, you wrote:
>Thru out my 20Plus years of maintaining these radios in the AF, the
>backlighting was always a problem. After awhile of continous
>operation, the backlight will go out. Since we could not
>troubleshoot down to component level, we just replaced the entire
>circuit board. After awhile, certian maintenance shops stopped
>replacing the board if the only problem was the backlight.
>
>Don Poquette
>KE9XB

119. Re: RT-1446 back light brightness question

Yahoo group: harris-radio
Date: 2007-11-16 17:39:08 UTC
From: rboltz
Topic: 110 Message: 119

--- In harris-radio@yahoogroups.com, Steve Hajducek <shajducek@...>
wrote:
>
>
> Hello All,
>
> I am new to the group as of today and although I have been
> programming for computer control of the RT-1446/RF-350K radios for
> some time now in the MARS-ALE (and now PC-ALE) software, I have
only
> owned an RT-1446 for a few months now and I am learning more about
> these radios all the time (to include figuring out more computer
> control commands).
>
> My unit works fine in all regards except one, the back light
> brightness is not at all apparent in a well lit room, however with
> the lights dim or out, the back light works much better, which is
> when its needed of course, but even then it still seems dim.
>
> My questions are:
>
> 1. As described above, Is this is the normal operation of the back
> lighting or should it be visible even in normally lit rooms as seen
> in Harris sales materials?
>
> 2. How does one adjust the back light brightness if required?
>
> 3. If my unit is in need of repairs to the back light circuit based
> on my description, what is the likely issue?
>
> Thanks in advance for any information.
>
> Sincerely,
>
> /s/ Steve, N2CKH/NNN0WWL
>

As others have said, this is a common problem. Most often, it is the
electroluminescent panels that slowly go dark. However, I just had
to replace an inverter in my #1 '350K. There were some dealers
selling panels of the backlights, that you cut to fit, on EBAY but I
have not seen them recently. Same for the inverters. You can still
get the inverters and panels from the OEMs but they have become
expensive. The inverters come from ERG INC. (E312-E0001) and the
panels from LUMINESCENT SYSTEMS INC.(0736-7232). I have no spares

anymore and will also be searching for replacements. My #2 station needs both panels and and inverter.

Ron, K3TZJ

120. Re: 1446 relays

Yahoo group: harris-radio
Date: 2007-11-17 13:59:19 UTC
From: vk5abc
Topic: 87 Message: 120

```
--- In harris-radio@yahoogroups.com, "davidfavaro2000"
<davidfavaro2000@...> wrote:
>
> Hello to all...I still have new Aromat AW141198 relays if needed.
>
Do you still have any relays?
```

121. WTB A1A12 Control pwb

Yahoo group: harris-radio
Date: 2007-11-17 14:33:30 UTC
From: vk5abc
Topic: 121 Message: 121

Hello Everyone
I am new here and am trying to get my RF-350K working and looks like the control board is on the fritz I have replaced the CPU and the eproms, I have replaced all the caps in the multivoltage power supply When I turn on the radio all the segments of the displays are on and remote lo pwr xmit are selected and I get audio and I get a clicking sound. Once I got a high picked tone and another time I got the letters PA?????? but I forgot to write down the other characters on the right display. The clock circuit works I am limited as to what I can do.

So I am looking for another board so if you have one you can sell me or know where I can buy one please hollar I need it so I can get back on the air BTW I'm also looking for a AM7223/URC amp.

73 Lee VK5ABC

122. Harris RF-7210 switch and jumper settings

Yahoo group: harris-radio
Date: 2007-11-18 19:05:40 UTC
From: arclight_arclight
Topic: 122 Message: 122

All: First, thanks to the folks who pointed me to the information on the remote control board for the RF-350K. I looked at that and it was misconfigured.

My RF-7210 manual contains a number of pages from the RF-7200-04 installation manual, and a number of the original RF-7210 manual pages are missing.

I have some questions:

1. In the RF-7200-04 installation document (pages from which are inserted in the RF-7210 manual available on the Web), page 2-5, Table 2-2, Switch A3S11-8 is supposed to be CLOSED, but in the RF-7210 installation manual page 2-3, Table 2-3, it's listed as OPEN (factory test). Anyone know which?

2. Are there any other gotchas in the switch and jumper information in Chapter 2 of the RF-7210 manual?

3. Switches A3S1 and A3S2 are used to set the controller's remote identifier. I presume that if I only have one of these, it really doesn't matter what remote ID I use, since as far as I can tell this is only used when remotely controlling the 7210 controller. Is this correct?

4. What sets the baud rate to the transceiver? A3S5 sets the baud rate for the AUX port, and A3S7 sets the baud rate for the REMOTE port (used by the remote controller). The transceiver is set to ADAPT per the instructions in the manual.

5. Anyone ever remote control the RF-7210? I've seen the software for the RF-350K, but not for the RF-7210.

6. I can't find any setup information on A3S9 (right below S8). Does anyone have any setting data on that?

7. From the standpoint of completeness, I'd like to gather up a complete RF-7210 manual. Does anyone have a complete RF-7210 manual that would be willing to pull Chapters 1, 2, and 3 and send them to me? Alternatively, anyone have a complete switch and jumper setting for the RF-7210 that is successful?

Thanks,
Dave AFA2WZ

123. Re: SPAMERS

Yahoo group: harris-radio
Date: 2007-11-18 22:43:51 UTC
From: rboltz
Topic: 99 Message: 123

--- In harris-radio@yahoogroups.com, "va3rzs" <va3rzs@...> wrote:
>
> Sorry to the group for letting the Spamers in ..
>
>
> Now the group is a CLOSED/restricted (to new members) group and I
> hope this will keep the spammers at bay ..
>
> I hope every one is have'n a good summer
>
>
> Rick
> List owner
>
How did this happen? I have never received SPAM until the day after
you posted this. Now, I get a daily dose of "viagra" ads. 100 and
counting. I must now change my address at expense to me.
RB

124. Harris Set Screws

Yahoo group: harris-radio
Date: 2007-11-18 22:48:06 UTC
From: rboltz
Topic: 124 Message: 124

Anyone notice the Harris set screws on knobs, shafts and couplings are non-standard? They are basically a "Swiss Cross". I made some wrenches to remove some of these but wonder if anyone knows where to get wrenches and/or what the type is?
Ron

125. Re: [harris-radio] Harris Set Screws

Yahoo group: harris-radio
Date: 2007-11-19 02:51:50 UTC
From: dave
Topic: 124 Message: 125

its called a bristol wrench. they are around if you look.

dave k7da

rboltz wrote:
> Anyone notice the Harris set screws on knobs, shafts and couplings are
> non-standard? They are basically a "Swiss Cross". I made some
> wrenches to remove some of these but wonder if anyone knows where to
> get wrenches and/or what the type is?
> Ron
>
>

126. Re: SPAMERS

Yahoo group: harris-radio
Date: 2007-11-19 06:07:03 UTC
From: Matt
Topic: 99 Message: 126

Probably just a coincidence. I haven't noticed any increase in the amount of spam I receive due to the changes on this board. A spammer somehow got hold of your email address. Here is a good link to learn about email address harvesting by spammers:
http://en.wikipedia.org/wiki/E-mail_address_harvesting

--- In harris-radio@yahoogroups.com, "rboltz" <ecom@...> wrote:
>
> --- In harris-radio@yahoogroups.com, "va3rzs" <va3rzs@> wrote:
> >
> > Sorry to the group for letting the Spamers in ..
> >
> >
> > Now the group is a CLOSED/restricted (to new members) group and I
> > hope this will keep the spammers at bay ..
> >
> > I hope every one is have'n a good summer
> >
> >
> > Rick
> > List owner
> >
> How did this happen? I have never received SPAM until the day after
> you posted this. Now, I get a daily dose of "viagra" ads. 100 and
> counting. I must now change my address at expense to me.
> RB
>

127. Re: [harris-radio] Re: 1446 relays

Yahoo group: harris-radio
Date: 2007-11-19 10:46:27 UTC
From: nk1u
Topic: 87 Message: 127

Yes - $5.00 ea plus mailing.

Be a better sports nut! Let your teams follow you with Yahoo Mobile. Try it now.

[Non-text portions of this message have been removed]

128. Re: [harris-radio] Re: 1446 relays

Yahoo group: harris-radio
Date: 2007-11-19 12:12:23 UTC
From: L Ritta
Topic: 87 Message: 128

Hello David

What is your prefered method of payment, can you send me a picture of the relay?

73 Lee VK5ABC
----- Original Message -----
From: nk1u
To: harris-radio@yahoogroups.com
Sent: Monday, November 19, 2007 9:16 PM
Subject: Re: [harris-radio] Re: 1446 relays

Yes - $5.00 ea plus mailing.

Be a better sports nut! Let your teams follow you with Yahoo Mobile. Try it now.

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

129. Re: RF-350K Power connectors...

Yahoo group: harris-radio
Date: 2007-11-19 21:44:42 UTC
From: rboltz
Topic: 33 Message: 129

--- In harris-radio@yahoogroups.com, Neil Xenias <k9ctb@...> wrote:
>
>
>
> Hi all....
>
> I might've found a source for the power connector on the rear panel
of the '350K. If so, no more $100.00 power cords when you can find
them. Complete connector is supposed to sell for about 24 bucks --
pins and all. I'll post the whole story after my order arrives. I
bought two -- one for AC and the other for DC power if I'm ever crazy
enough to lug this thing out to the van.
>
>
>
> 73 de neil (K9CTB/NNN0ZVU)
>
>
>
>
>
> ---
> Sell on Yahoo! Auctions - No fees. Bid on great items.
>

These are also available from Allied Electronics as well as many
other suppliers. They are standard connectors.
Ron
K3TZJ

130. RE: [harris-radio] Re: RF-350K Power connectors...

Yahoo group: harris-radio
Date: 2007-11-20 02:02:20 UTC
From: Dave Maples
Topic: 33 Message: 130

All: I got mine from the fellow in Louisville, KY (name escapes me right now). Cost of the connector was close to that amount.

Dave AFA2WZ
-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]On Behalf Of rboltz
Sent: Monday, November 19, 2007 4:45 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-350K Power connectors...

--- In harris-radio@yahoogroups.com, Neil Xenias <k9ctb@...> wrote:
>
>
>
> Hi all....
>
> I might've found a source for the power connector on the rear panel of the '350K. If so, no more $100.00 power cords when you can find them. Complete connector is supposed to sell for about 24 bucks -- pins and all. I'll post the whole story after my order arrives. I bought two -- one for AC and the other for DC power if I'm ever crazy enough to lug this thing out to the van.
>
>
>
> 73 de neil (K9CTB/NNN0ZVU)
>
>
>
>
>
> ----------
> Sell on Yahoo! Auctions - No fees. Bid on great items.
>

These are also available from Allied Electronics as well as many other suppliers. They are standard connectors.
Ron
K3TZJ

[Non-text portions of this message have been removed]

131. Re: RF-350K Power connectors...

Yahoo group: harris-radio
Date: 2007-11-20 19:03:45 UTC
From: Terry
Topic: 33 Message: 131

Why would you need two connectors? The cable that I have has the pins wired for DC as well as AC.

I do have an extra set of power connectors available. One for the RT-1446 and one for the 500 Watt Amp AM-7223, If any one needs them.

Cheers,
Terry.

--- In harris-radio@yahoogroups.com, "Dave Maples" <dsmaples@...> wrote:
>
> All: I got mine from the fellow in Louisville, KY (name escapes me right
> now). Cost of the connector was close to that amount.
>
> Dave AFA2WZ
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]On
> Behalf Of rboltz
> Sent: Monday, November 19, 2007 4:45 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] Re: RF-350K Power connectors...
>
>
> --- In harris-radio@yahoogroups.com, Neil Xenias <k9ctb@> wrote:
> >
> >
> >
> > Hi all....
> >
> > I might've found a source for the power connector on the rear panel
> of the '350K. If so, no more $100.00 power cords when you can find
> them. Complete connector is supposed to sell for about 24 bucks --
> pins and all. I'll post the whole story after my order arrives. I
> bought two -- one for AC and the other for DC power if I'm ever crazy
> enough to lug this thing out to the van.
> >
> >
> >
> > 73 de neil (K9CTB/NNN0ZVU)
> >
> >

> >
> >
> >
> > ---
> > Sell on Yahoo! Auctions - No fees. Bid on great items.
> >
>
> These are also available from Allied Electronics as well as many
> other suppliers. They are standard connectors.
> Ron
> K3TZJ
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

132. Re: RF-350K Power connectors...

Yahoo group: harris-radio
Date: 2007-11-21 02:50:41 UTC
From: Jeff
Topic: 33 Message: 132

Got mine from Spacecraft Components,
Las Vegas NV. 89032
702-851-7600

MS3106A20-8S 1446 power plug
MS3057-12A CABLE CLAMP

MS3106A28-20S AM-7223 power plug
MS3057-16A CABLE CLAMP

Total cost with shipping $61.58

73's
Jeff WA1WXL/NNN0JKF

--- In harris-radio@yahoogroups.com, "Terry" <barhata@...> wrote:
>
>
> Why would you need two connectors? The cable that I have has the
pins
> wired for DC as well as AC.
>
> I do have an extra set of power connectors available. One for the
RT-
> 1446 and one for the 500 Watt Amp AM-7223, If any one needs them.
>
> Cheers,
> Terry.
>
>
> --- In harris-radio@yahoogroups.com, "Dave Maples" <dsmaples@>
> wrote:
> >
> > All: I got mine from the fellow in Louisville, KY (name escapes
me
> right
> > now). Cost of the connector was close to that amount.
> >
> > Dave AFA2WZ
> > -----Original Message-----
> > From: harris-radio@yahoogroups.com [mailto:harris-
> radio@yahoogroups.com]On
> > Behalf Of rboltz
> > Sent: Monday, November 19, 2007 4:45 PM
> > To: harris-radio@yahoogroups.com
> > Subject: [harris-radio] Re: RF-350K Power connectors...

> >
> >
> > --- In harris-radio@yahoogroups.com, Neil Xenias <k9ctb@> wrote:
> > >
> > >
> > >
> > > Hi all....
> > >
> > > I might've found a source for the power connector on the rear
> panel
> > of the '350K. If so, no more $100.00 power cords when you can
find
> > them. Complete connector is supposed to sell for about 24
bucks --
> > pins and all. I'll post the whole story after my order arrives.
I
> > bought two -- one for AC and the other for DC power if I'm ever
> crazy
> > enough to lug this thing out to the van.
> > >
> > >
> > >
> > > 73 de neil (K9CTB/NNN0ZVU)
> > >
> > >
> > >
> > >
> > >
> > > ---------------------------------
> > > Sell on Yahoo! Auctions - No fees. Bid on great items.
> > >
> >
> > These are also available from Allied Electronics as well as many
> > other suppliers. They are standard connectors.
> > Ron
> > K3TZJ
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

133. Re: 1446 relays

Yahoo group: harris-radio
Date: 2007-12-10 20:24:56 UTC
From: vk5abc
Topic: 87 Message: 133

--- In harris-radio@yahoogroups.com, "L Ritta" <vk5abc@...> wrote:
>
> Hello David
>
> What is your prefered method of payment, can you send me a picture
of the relay?
>
> 73 Lee VK5ABC
> ----- Original Message -----
> From: nk1u
> To: harris-radio@yahoogroups.com
> Sent: Monday, November 19, 2007 9:16 PM
> Subject: Re: [harris-radio] Re: 1446 relays
>
>
> Yes - $5.00 ea plus mailing.
>
> ---------------------------------
> Be a better sports nut! Let your teams follow you with Yahoo
Mobile. Try it now.
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
Can you send a picture of the relay, are these the ones used in the
Low pass filter board?

134. Wanted defective Control A1A12 pwb

Yahoo group: harris-radio
Date: 2007-12-15 14:31:32 UTC
From: vk5abc
Topic: 134 Message: 134

Hello Everyone

Is there anyone in this group with a spare A1A12 control pwb?

I am looking for a defective but undamaged pwb does not have to be complete I just want one a basis for a total rebuild.
So if you can help or you know where I can buy a A1A12 pwb please hollar.

73 Lee VK5ABC

135. Re: [harris-radio] Wanted defective Control A1A12 pwb

Yahoo group: harris-radio
Date: 2007-12-15 16:42:56 UTC
From: dave
Topic: 134 Message: 135

which radio?

vk5abc wrote:
> Hello Everyone
>
> Is there anyone in this group with a spare A1A12 control pwb?
>
> I am looking for a defective but undamaged pwb does not have to be
> complete I just want one a basis for a total rebuild.
> So if you can help or you know where I can buy a A1A12 pwb please
> hollar.
>
> 73 Lee VK5ABC
>
>
>

136. Re: Wanted defective Control A1A12 pwb

Yahoo group: harris-radio
Date: 2007-12-15 21:35:52 UTC
From: vk5abc
Topic: 134 Message: 136

--- In harris-radio@yahoogroups.com, dave <dalex@...> wrote:
>
> which radio?
>
> vk5abc wrote:
> > Hello Everyone
> >
> > Is there anyone in this group with a spare A1A12 control pwb?
> >
> > I am looking for a defective but undamaged pwb does not have to
be
> > complete I just want one a basis for a total rebuild.
> > So if you can help or you know where I can buy a A1A12 pwb
please
> > hollar.
> >
> > 73 Lee VK5ABC
> >
> >
> >
>
Oh
The RT-1446/URC
It was very late at night when I posted the message.

137. Harris YD-4535 UHF repeater

Yahoo group: harris-radio
Date: 2007-12-29 01:51:21 UTC
From: Rasputin Novgorod
Topic: 137 Message: 137

Hi guys:

I just got a Harris YD-4535 UHF repeater (formerly police).
I'm looking for transmit crystal modules, a power supply,
and any advice for using it on Ham frequencies.

Or if you know of a more appropriate e-group to ask this,
I'd be grateful.

Sincerely
/Blair

138. Re: Harris YD-4535 UHF repeater

Yahoo group: harris-radio
Date: 2007-12-29 20:11:08 UTC
From: k4alphapapa
Topic: 137 Message: 138

--- In harris-radio@yahoogroups.com, "Rasputin Novgorod"
<priapulus@...> wrote:
>
> Hi guys:
>
> I just got a Harris YD-4535 UHF repeater (formerly police).
> I'm looking for transmit crystal modules, a power supply,
> and any advice for using it on Ham frequencies.
>
> Or if you know of a more appropriate e-group to ask this,
> I'd be grateful.
>
> Sincerely
> /Blair
>
Hi Blair:
YD 4535 another version of the Harris 4500 series radios.
I have a manual on the Yd 4525 25 watt version and the Yd 4580 80
watt version , never saw a 35 but it would not say it was never so.
Alot in the 35 would be the same in the 25 and 80 watt veraion
except for the PA .
The power supply for any of them is the RF-480 12v ps. rated at 30
amps continous.
You mentioned TX MODULES are they missing?? or just the xtals?

Thw xtals could be another matter. The tx oscillator was a form of a
early TCXO part #972-0550. 2ppm inside was a xtal which I believe
you could change # y-0003? Or use a Y-0003 xtal directly for 5ppm
I would have to do some digging on this.
TX Xtal freq ie 18.75 thru 19.583 x24 = 450 to 469 mhz commerical
band freq. This could be checked in the original xtals if they are
still in the unit. I suspect they are removed.To get down to the 440
mhz band 440 divided by 24 = 18.3333 They might work or maybe
require some L & C chnges to the stages.
Rx xtals wer also Y-0003 type 5ppm 17.8 to 18.6 again x24 for
injection with an IF of 23 mhz. Again To get down to the 440 mhz
band 440 -23.0 divided by 24 = 17.375 They might work or maybe
require some L & C chnges to the stages. This is low side
injection . High side 440 +23 =463 divided by 24 =19.3 maybe ?
I'll have to find the specs on the Y-0003 xtal to see what cut and
type.
Good Luck
I would look for an old Harris mobile telephone full duplexed radio
AL-2000A or U for UHF fully synthized . British Columbia had them
in their system with Glenayre logic and control heads. Freq proms

were easy to program 2716 chip. Also the unit would actually tune
408 to 512 mhz , duplexiers would change of course.
Regards
Roger w

139. Re: [harris-radio] Re: Harris YD-4535 UHF repeater

Yahoo group: harris-radio
Date: 2007-12-30 06:31:39 UTC
From: Rasputin Novgorod
Topic: 137 Message: 139

--- k4alphapapa <waldrgrmllr@...> wrote:

> --- In harris-radio@yahoogroups.com, "Rasputin Novgorod"
> <priapulus@...> wrote:
> >
> > Hi guys:
> >
> > I just got a Harris YD-4535 UHF repeater (formerly police).
> > I'm looking for transmit crystal modules, a power supply,
> > and any advice for using it on Ham frequencies.
> >
> > Or if you know of a more appropriate e-group to ask this,
> > I'd be grateful.
> >
> > Sincerely
> > /Blair
> >
> Hi Blair:
> YD 4535 another version of the Harris 4500 series radios.
> I have a manual on the Yd 4525 25 watt version and the Yd 4580 80
> watt version , never saw a 35 but it would not say it was never so.
> Alot in the 35 would be the same in the 25 and 80 watt veraion
> except for the PA .

I'm fortunate to have gotten the service manual for it.
It has two (3 opt) channels and 25 watts power. Originally
450-470 Mhz. The power supply had been pulled from it
and they pulled all the crystals before surplusing it; otherwise
it is suppose to have been in working condition. It was
part of the RCMP system. The antenna duplexer is also missing.

I plan to use it as a small local ham repeater. Browsing the
schematics, it appears I can pull the filters down enough.
I've got a spectrum analyzer and tracking generator to adjusting
the filters is no problem. I'll run it off my station 12 volts,
so it has battery backup. I've got a duplexer, the problem
will be the TX crystals.

********** RX Crystals **********

> Rx xtals wer also Y-0003 type 5ppm 17.8 to 18.6 again x24 for
> injection with an IF of 23 mhz.

For receive, it appears that ordinary crystals plug into the
oscillator pcb assembly (918-0200).
The manual says 17.8 to 18.6 Mhz oscillator output, Y-0003

type 5ppm; 24x for a 23 Mhz IF.

> I'll have to find the specs on the Y-0003 xtal to see what cut and
> type.
I'd appreciate any advice to order the correct kind of Rx crystal.
The manual has formulas to figure the correct frequency
to request.

********** TX Crystals **********

> You mentioned TX MODULES are they missing?? or just the xtals?
> Thw xtals could be another matter. The tx oscillator was a form of a
> early TCXO part #972-0550. 2ppm inside was a xtal which I believe
> you could change # y-0003? Or use a Y-0003 xtal directly for 5ppm
> I would have to do some digging on this.

The TX oscillator pcb assembly is (913-0220), 2ppm. Small metal
boxes, presumably each containing a xtal, are labeled "Oscillator
Module" (972-0550) are missing. TX Xtal freq 18.75-19.583 x24.

The pin spacing of the Tx module is identical
to the xtal pin spacing, so I wonder if I can just stick
a crystal in, or if the module contains more than just an xtal?

Sincerely
Blair

Never miss a thing. Make Yahoo your home page.
http://www.yahoo.com/r/hs

140. RE: [harris-radio] Re: Harris YD-4535 UHF repeater

Yahoo group: harris-radio
Date: 2007-12-30 20:05:37 UTC
From: Roger Waldmiller
Topic: 137 Message: 140

Hi Blair;
All the info so far is correct. The Y0003 xtal can be inserted in place of the -0550 can.
I found the spec's on the -0003....Holder is a HC-25/u...temp -30c to +75c.....series resonant.....mfg tol +/- 20ppm....equivalent res <20 ohms.... equivalent series capacitance 2.2x10 to the -2 power pf +/-10%

Yes a y-0003 xtal is used in the -0550 module but is specially tuned for the correct freq and drift of 2ppm
I have a lot of Y-0003 xtals with freqs from 12.33 thru to 20's most are the commercial 450-470 band. I'll have to figure what can be used in the 440 ham band . That is where you want the repeater ..right??...
E mail me direct (waldrgrmllr@...) with some freq's and see what I have . I doubt if they will be 5 mhz apart but you never know. Even if they are close you could then fire it up to see if it is worth while to invest in xtals from a vendor.

Regards
Roger waldmiller
waldrgrmllr@...
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Rasputin Novgorod
Sent: Sunday, December 30, 2007 1:32 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Harris YD-4535 UHF repeater

--- k4alphapapa <waldrgrmllr@ <mailto:waldrgrmllr%40frontiernet.net> frontiernet.net> wrote:

> --- In harris-radio@ <mailto:harris-radio%40yahoogroups.com> yahoogroups.com, "Rasputin Novgorod"
> <priapulus@...> wrote:
> >
> > Hi guys:
> >
> > I just got a Harris YD-4535 UHF repeater (formerly police).
> > I'm looking for transmit crystal modules, a power supply,
> > and any advice for using it on Ham frequencies.
> >
> > Or if you know of a more appropriate e-group to ask this,
> > I'd be grateful.
> >

> > Sincerely
> > /Blair
> >
> Hi Blair:
> YD 4535 another version of the Harris 4500 series radios.
> I have a manual on the Yd 4525 25 watt version and the Yd 4580 80
> watt version , never saw a 35 but it would not say it was never so.
> Alot in the 35 would be the same in the 25 and 80 watt veraion
> except for the PA .

I'm fortunate to have gotten the service manual for it.
It has two (3 opt) channels and 25 watts power. Originally
450-470 Mhz. The power supply had been pulled from it
and they pulled all the crystals before surplusing it; otherwise
it is suppose to have been in working condition. It was
part of the RCMP system. The antenna duplexer is also missing.

I plan to use it as a small local ham repeater. Browsing the
schematics, it appears I can pull the filters down enough.
I've got a spectrum analyzer and tracking generator to adjusting
the filters is no problem. I'll run it off my station 12 volts,
so it has battery backup. I've got a duplexer, the problem
will be the TX crystals.

********** RX Crystals **********

> Rx xtals wer also Y-0003 type 5ppm 17.8 to 18.6 again x24 for
> injection with an IF of 23 mhz.

For receive, it appears that ordinary crystals plug into the
oscillator pcb assembly (918-0200).
The manual says 17.8 to 18.6 Mhz oscillator output, Y-0003
type 5ppm; 24x for a 23 Mhz IF.

> I'll have to find the specs on the Y-0003 xtal to see what cut and
> type.
I'd appreciate any advice to order the correct kind of Rx crystal.
The manual has formulas to figure the correct frequency
to request.

********** TX Crystals **********

> You mentioned TX MODULES are they missing?? or just the xtals?
> Thw xtals could be another matter. The tx oscillator was a form of a
> early TCXO part #972-0550. 2ppm inside was a xtal which I believe
> you could change # y-0003? Or use a Y-0003 xtal directly for 5ppm
> I would have to do some digging on this.

The TX oscillator pcb assembly is (913-0220), 2ppm. Small metal
boxes, presumably each containing a xtal, are labeled "Oscillator
Module" (972-0550) are missing. TX Xtal freq 18.75-19.583 x24.

The pin spacing of the Tx module is identical
to the xtal pin spacing, so I wonder if I can just stick
a crystal in, or if the module contains more than just an xtal?

Sincerely
Blair

Never miss a thing. Make Yahoo your home page.
http://www.yahoo. <http://www.yahoo.com/r/hs> com/r/hs

[Non-text portions of this message have been removed]

141. RF-3282-12 ANTENNA COUPLER

Yahoo group: harris-radio
Date: 2008-01-02 16:08:36 UTC
From: iw2brb
Topic: 141 Message: 141

Hi,
new to this group i wish everybody Best Season Greetings!!!!!
Searching for any kind of tech.information about HARRIS RF-3282-12 HF
ANTENNA COUPLER?
Thank's Francesco

142. Re: RF-3282-12 ANTENNA COUPLER

Yahoo group: harris-radio
Date: 2008-01-02 17:48:31 UTC
From: k4alphapapa
Topic: 141 Message: 142

--- In harris-radio@yahoogroups.com, "iw2brb" <f.clonfero@...> wrote:
>
> Hi,
> new to this group i wish everybody Best Season Greetings!!!!!
> Searching for any kind of tech.information about HARRIS RF-3282-
12 HF
> ANTENNA COUPLER?
> Thank's Francesco
>
Hi Francesco:
What kind of info do you need . There is a manual available at
www.w7fg.com Search for HArris and on the list is a Rf-3281
coupler.
The is the same as a 3282 but with a fiberglass case. The 3282-12
should have the same bd as the 3281. There was a 3282-24 which had
an extra regulator bd for 24v but would also run on 12v. Check to
see if you have this bd , located near the input RF conn . If you do
not, you truly have the -12 and the 3281 manual will have the
excact bd . Both the 3281 and 3282 were used only with the Rf3200
series radios. IT required a interface card 10228-2210 or 10228-2310
in the radio to talk to the coupler . All the data , 12v and rf
power were multiplexed onto the single Rf coax to the coupler.
Regards
Roger w

143. Harris RF-590

Yahoo group: harris-radio
Date: 2008-01-02 17:54:12 UTC
From: pzkfw4usa
Topic: 143 Message: 143

I need a service manual for an RF-590 receiver. A copy is ok, also
a cd will be good. Please let me know of availability and price.
Thank you, Don Davis.

144. Re: RF-3282-12 ANTENNA COUPLER

Yahoo group: harris-radio
Date: 2008-01-02 20:41:12 UTC
From: iw2brb
Topic: 141 Message: 144

--- In harris-radio@yahoogroups.com, "k4alphapapa" <waldrgrmllr@...>
wrote:
>
> --- In harris-radio@yahoogroups.com, "iw2brb" <f.clonfero@> wrote:
> >
> > Hi,
> > new to this group i wish everybody Best Season Greetings!!!!!
> > Searching for any kind of tech.information about HARRIS RF-3282-
> 12 HF
> > ANTENNA COUPLER?
> > Thank's Francesco
> >
> Hi Francesco:
> What kind of info do you need . There is a manual available at
> www.w7fg.com Search for HArris and on the list is a Rf-3281
> coupler.
> The is the same as a 3282 but with a fiberglass case. The 3282-12
> should have the same bd as the 3281. There was a 3282-24 which had
> an extra regulator bd for 24v but would also run on 12v. Check to
> see if you have this bd , located near the input RF conn . If you
do
> not, you truly have the -12 and the 3281 manual will have the
> excact bd . Both the 3281 and 3282 were used only with the Rf3200
> series radios. IT required a interface card 10228-2210 or 10228-
2310
> in the radio to talk to the coupler . All the data , 12v and rf
> power were multiplexed onto the single Rf coax to the coupler.
> Regards
> Roger w
>
Hi Roger:
many thank's for your answer you give me the informations I was
needing. If I well understand this coupler will only work on a
specific series of Radio.In any case will buy from w7fg the RF-3281
manual and will see...
Regards,
Francesco

145. Re: Harris RF-590

Yahoo group: harris-radio
Date: 2008-01-02 20:53:33 UTC
From: iw2brb
Topic: 143 Message: 145

--- In harris-radio@yahoogroups.com, "pzkfw4usa" <pzkfw4usa@...> wrote:
>
> I need a service manual for an RF-590 receiver. A copy is ok, also
> a cd will be good. Please let me know of availability and price.
> Thank you, Don Davis.
>
Hi, I will be glad to mail you a pdf copy 82MB?? if ok let me know
Ciao,
Francesco

146. Re: Harris RF-590

Yahoo group: harris-radio
Date: 2008-01-03 02:24:57 UTC
From: Matt
Topic: 143 Message: 146

Check out this webpage: http://premium-rx.org/rf590.htm

--- In harris-radio@yahoogroups.com, "pzkfw4usa" <pzkfw4usa@...> wrote:
>
> I need a service manual for an RF-590 receiver. A copy is ok, also
> a cd will be good. Please let me know of availability and price.
> Thank you, Don Davis.
>

147. Re: [harris-radio] Re: Harris RF-590

Yahoo group: harris-radio
Date: 2008-01-03 15:35:53 UTC
From: pzkfw4usa@aol.com
Topic: 143 Message: 147

Ciao, Francesco, yes please do this. Mille grazzi! Please let me know if I can do anything in return.
Don Davis.

**********See AOL's top rated recipes (http://food.aol.com/top-rated-recipes?NCID=aoltop00030000000004)

[Non-text portions of this message have been removed]

148. Re: Harris RF-590

Yahoo group: harris-radio
Date: 2008-01-03 20:55:18 UTC
From: iw2brb
Topic: 143 Message: 148

--- In harris-radio@yahoogroups.com, pzkfw4usa@... wrote:
>
> Ciao, Francesco, yes please do this. Mille grazzi! Please let me
know if I
> can do anything in return.
> Don Davis.
>
>
>
> **********See AOL's top rated recipes
> (http://food.aol.com/top-rated-recipes?NCID=aoltop00030000000004)
>
>
> [Non-text portions of this message have been removed]
>
No problem my pleasure.
I tried but I think is to big. If you provide me off line your shipping
address will mail you a CD.

149. Harris RF-505A Receiver

Yahoo group: harris-radio
Date: 2008-01-03 21:23:47 UTC
From: Ivanko
Topic: 149 Message: 149

I need a service manual for an RF-505A receiver.
Please let me know of availability and price.
Thank you , Ivanko YU7GM

150. rf-280

Yahoo group: harris-radio
Date: 2008-01-03 23:06:09 UTC
From: w9nto@netzero.com
Topic: 150 Message: 150

hi all,i just received a rf-280 tranceiver last week.it works on amand fm but not on ssb or cw.anyone know alot about this radio.DAVE W9NTO

_____
Click for free info on paralegal training and make up to $150K/ year.
http://thirdpartyoffers.netzero.net/TGL2221/fc/Ioyw6i4t4B8TvlWgvbELbwZ0DWnfpOL8RmJbYgI7BcjQacxibi6goa/

[Non-text portions of this message have been removed]

151. Re: [harris-radio] rf-280

Yahoo group: harris-radio
Date: 2008-01-04 10:48:52 UTC
From: Dan J
Topic: 150 Message: 151

Dave, Hopefully the rig works and you require some basic operating info. This radio will operate FM only above 30 MHz using the BNC for antenna connection. Operations below 30 megs will be CW, AM, or SSB. No FM. You will have to use the UHF antenna connector for these freqs. Hope this helps. Dan KD4UMU
----- Original Message -----
From: w9nto@...
To: harris-radio@yahoogroups.com
Sent: Thursday, January 03, 2008 6:06 PM
Subject: [harris-radio] rf-280

hi all,i just received a rf-280 tranceiver last week.it works on amand fm but not on ssb or cw.anyone know alot about this radio.DAVE W9NTO

_____
Click for free info on paralegal training and make up to $150K/ year.
http://thirdpartyoffers.netzero.net/TGL2221/fc/Ioyw6i4t4B8TvlWgvbELbwZ0DWnfpOL8RmJbYgI7BcjQacxibi6goa/

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[Non-text portions of this message have been removed]

152. Re: rf-280

Yahoo group: harris-radio
Date: 2008-01-04 15:30:25 UTC
From: Mike
Topic: 150 Message: 152

There is a jumper that will allow FM operation below 30MHz and another jumper that determines split band from two connectors or everything from one connector. The 280 was a great radio in its day but some are plagued with shorted tantalum caps. If its broken, look up Jim Karlow to get it fixed.
Mike
--- In harris-radio@yahoogroups.com, "Dan J" <dankd4umu@...> wrote:
>
> Dave, Hopefully the rig works and you require some basic operating info. This radio will operate FM only above 30 MHz using the BNC for antenna connection. Operations below 30 megs will be CW, AM, or SSB. No FM. You will have to use the UHF antenna connector for these freqs. Hope this helps. Dan KD4UMU
> ----- Original Message -----
> From: w9nto@...
> To: harris-radio@yahoogroups.com
> Sent: Thursday, January 03, 2008 6:06 PM
> Subject: [harris-radio] rf-280
>
>
> hi all,i just received a rf-280 tranceiver last week.it works on amand fm but not on ssb or cw.anyone know alot about this radio.DAVE W9NTO
> _____
> Click for free info on paralegal training and make up to $150K/ year.
>
http://thirdpartyoffers.netzero.net/TGL2221/fc/Ioyw6i4t4B8TvlWgvbELbwZ0DWnfpOL8RmJbYgI7BcjQacxibi6goa/
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

153. Re: [harris-radio] Re: rf-280

Yahoo group: harris-radio
Date: 2008-01-04 16:00:13 UTC
From: Terry
Topic: 150 Message: 153

Anyone know of a good repair shop or person for the
RF350K?

Terry
AB8AL
--- Mike <prcradio@...> wrote:

> There is a jumper that will allow FM operation below
> 30MHz and another
> jumper that determines split band from two
> connectors or everything
> from one connector. The 280 was a great radio in its
> day but some are
> plagued with shorted tantalum caps. If its broken,
> look up Jim Karlow
> to get it fixed.
> Mike
> --- In harris-radio@yahoogroups.com, "Dan J"
> <dankd4umu@...> wrote:
> >
> > Dave, Hopefully the rig works and you require some
> basic operating
> info. This radio will operate FM only above 30 MHz
> using the BNC for
> antenna connection. Operations below 30 megs will be
> CW, AM, or SSB.
> No FM. You will have to use the UHF antenna
> connector for these freqs.
> Hope this helps. Dan KD4UMU
> > ----- Original Message -----
> > From: w9nto@...
> > To: harris-radio@yahoogroups.com
> > Sent: Thursday, January 03, 2008 6:06 PM
> > Subject: [harris-radio] rf-280
> >
> >
> > hi all,i just received a rf-280 tranceiver last
> week.it works on
> amand fm but not on ssb or cw.anyone know alot about
> this radio.DAVE W9NTO
> >
>

> > Click for free info on paralegal training and
> make up to $150K/ year.

> >
>
http://thirdpartyoffers.netzero.net/TGL2221/fc/Ioyw6i4t4B8TvlWgvbELbwZ0DWnfpOL8RmJbYgI7BcjQacxibi6goa/
> >
> > [Non-text portions of this message have been
> removed]
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been
> removed]
> >
>
>
>

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know-it-all with Yahoo! Mobile. Try it now.
http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ

154. RE: [harris-radio] rf-280

Yahoo group: harris-radio
Date: 2008-01-05 01:02:40 UTC
From: Dave Maples
Topic: 150 Message: 154

All: If this is a URC-94, it can operate all modes from 2-80 MHz. All that has to be done is for some diodes to be clipped on one of the boards.

I worked the 6m contest a couple of summers ago with my URC-94 set up that way. SSB and CW both.

Thanks,
Dave WB4FUR
-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]On Behalf Of Dan J
Sent: Friday, January 04, 2008 5:49 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] rf-280

Dave, Hopefully the rig works and you require some basic operating info. This radio will operate FM only above 30 MHz using the BNC for antenna connection. Operations below 30 megs will be CW, AM, or SSB. No FM. You will have to use the UHF antenna connector for these freqs. Hope this helps. Dan KD4UMU
----- Original Message -----
From: w9nto@...
To: harris-radio@yahoogroups.com
Sent: Thursday, January 03, 2008 6:06 PM
Subject: [harris-radio] rf-280

hi all,i just received a rf-280 tranceiver last week.it works on amand fm but not on ssb or cw.anyone know alot about this radio.DAVE W9NTO
_____
Click for free info on paralegal training and make up to $150K/ year.
http://thirdpartyoffers.netzero.net/TGL2221/fc/Ioyw6i4t4B8TvlWgvbELbwZ0DWnfpOL8RmJbYgI7BcjQacxibi6goa/

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

155. Re: rf-280

Yahoo group: harris-radio
Date: 2008-01-05 04:46:10 UTC
From: Mike
Topic: 150 Message: 155

The URC-94 is a Navy contract RF-280. I believe the major differences
are fuses moved to the front panel, a redesigned FM board with wider
IF filter and removal of the noise blanker.
Mike
--- In harris-radio@yahoogroups.com, "Dave Maples" <dsmaples@...> wrote:
>
> All: If this is a URC-94, it can operate all modes from 2-80 MHz.
All that
> has to be done is for some diodes to be clipped on one of the boards.
>
> I worked the 6m contest a couple of summers ago with my URC-94 set
up that
> way. SSB and CW both.
>
> Thanks,
> Dave WB4FUR
> -----Original Message-----
> From: harris-radio@yahoogroups.com
[mailto:harris-radio@yahoogroups.com]On
> Behalf Of Dan J
> Sent: Friday, January 04, 2008 5:49 AM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] rf-280
>
>
> Dave, Hopefully the rig works and you require some basic operating
info.
> This radio will operate FM only above 30 MHz using the BNC for antenna
> connection. Operations below 30 megs will be CW, AM, or SSB. No FM.
You will
> have to use the UHF antenna connector for these freqs. Hope this
helps. Dan
> KD4UMU
> ----- Original Message -----
> From: w9nto@...
> To: harris-radio@yahoogroups.com
> Sent: Thursday, January 03, 2008 6:06 PM
> Subject: [harris-radio] rf-280
>
> hi all,i just received a rf-280 tranceiver last week.it works on
amand fm
> but not on ssb or cw.anyone know alot about this radio.DAVE W9NTO
> ____
> Click for free info on paralegal training and make up to $150K/ year.
>

http://thirdpartyoffers.netzero.net/TGL2221/fc/Ioyw6i4t4B8TvlWgvbELbwZ0DWn
> fpOL8RmJbYgI7BcjQacxibi6goa/
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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>
>
>
> [Non-text portions of this message have been removed]
>

156. Re: [harris-radio] rf-280

Yahoo group: harris-radio
Date: 2008-01-05 10:56:38 UTC
From: Dan J
Topic: 150 Message: 156

OK Dave, You got my attention on that one. I have a unmodified URC-94. It sure would be nice to operate SSB 6 meters and FM on 10. How can I acquire the mod data for this?
----- Original Message -----
From: Dave Maples
To: harris-radio@yahoogroups.com
Sent: Friday, January 04, 2008 8:02 PM
Subject: RE: [harris-radio] rf-280

All: If this is a URC-94, it can operate all modes from 2-80 MHz. All that has to be done is for some diodes to be clipped on one of the boards.

I worked the 6m contest a couple of summers ago with my URC-94 set up that way. SSB and CW both.

Thanks,
Dave WB4FUR
-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]On Behalf Of Dan J
Sent: Friday, January 04, 2008 5:49 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] rf-280

Dave, Hopefully the rig works and you require some basic operating info. This radio will operate FM only above 30 MHz using the BNC for antenna connection. Operations below 30 megs will be CW, AM, or SSB. No FM. You will have to use the UHF antenna connector for these freqs. Hope this helps. Dan KD4UMU
----- Original Message -----
From: w9nto@...
To: harris-radio@yahoogroups.com
Sent: Thursday, January 03, 2008 6:06 PM
Subject: [harris-radio] rf-280

hi all,i just received a rf-280 tranceiver last week.it works on amand fm but not on ssb or cw.anyone know alot about this radio.DAVE W9NTO

_____
Click for free info on paralegal training and make up to $150K/ year.
http://thirdpartyoffers.netzero.net/TGL2221/fc/Ioyw6i4t4B8TvlWgvbELbwZ0DWnfpOL8RmJbYgI7BcjQacxibi6goa/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

157. RE: [harris-radio] rf-280

Yahoo group: harris-radio
Date: 2008-01-11 01:47:55 UTC
From: Dave Maples
Topic: 150 Message: 157

All: The jumpers in question are located on the 1A7 board.

Turn the radio over so the bottom is facing up, and the front is toward you. On the left side at the front is a flat circuit board. There are 4 jumpers on the board (labeled JMP1-JMP4). If all of the jumpers are removed, the radio will operate FM, AM, SSB, and CW across its entire range.

Thanks,
Dave WB4FUR
-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]On Behalf Of Dan J
Sent: Saturday, January 05, 2008 5:57 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] rf-280

OK Dave, You got my attention on that one. I have a unmodified URC-94. It sure would be nice to operate SSB 6 meters and FM on 10. How can I acquire the mod data for this?
----- Original Message -----
From: Dave Maples
To: harris-radio@yahoogroups.com
Sent: Friday, January 04, 2008 8:02 PM
Subject: RE: [harris-radio] rf-280

All: If this is a URC-94, it can operate all modes from 2-80 MHz. All that has to be done is for some diodes to be clipped on one of the boards.

I worked the 6m contest a couple of summers ago with my URC-94 set up that way. SSB and CW both.

Thanks,
Dave WB4FUR
-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]On Behalf Of Dan J
Sent: Friday, January 04, 2008 5:49 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] rf-280

Dave, Hopefully the rig works and you require some basic operating info. This radio will operate FM only above 30 MHz using the BNC for antenna connection. Operations below 30 megs will be CW, AM, or SSB. No FM. You will
have to use the UHF antenna connector for these freqs. Hope this helps.
Dan
KD4UMU

----- Original Message -----
From: w9nto@...
To: harris-radio@yahoogroups.com
Sent: Thursday, January 03, 2008 6:06 PM
Subject: [harris-radio] rf-280

hi all,i just received a rf-280 tranceiver last week.it works on amand fm
but not on ssb or cw.anyone know alot about this radio.DAVE W9NTO

_____
Click for free info on paralegal training and make up to $150K/ year.
http://thirdpartyoffers.netzero.net/TGL2221/fc/Ioyw6i4t4B8TvlWgvbELbwZ0DWn
fpOL8RmJbYgI7BcjQacxibi6goa/

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

158. WTB RF-382A-02 or a RF-281

Yahoo group: harris-radio
Date: 2008-01-17 21:41:27 UTC
From: vk5abc
Topic: 158 Message: 158

Hello Everyone
Anyone on the list with either a RF-382 or a RF-281
antenna coupler for sale please contact me off the list.
Do you know where I could buy one?
73 Lee VK5ABC

159. David Little KD4NUE

Yahoo group: harris-radio
Date: 2008-01-18 00:10:26 UTC
From: vk5abc
Topic: 159 Message: 159

```
Hello David
I have tried twice to send you an email and am blocked.
(reason: 550-211.29.132.9 blocked by ldap:ou=rblmx,dc=bellsouth,dc=net)

73 Lee VK5ABC
```

160. RE: [harris-radio] David Little KD4NUE

Yahoo group: harris-radio
Date: 2008-01-18 01:00:41 UTC
From: dalite01@bellsouth.net
Topic: 159 Message: 160

Lee,

I don't know what causes bellsouth to choke on some domains.

Try:

kd4nue@...

kd4nue@...

One of those should work.

David

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of vk5abc
Sent: Thursday, January 17, 2008 7:10 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] David Little KD4NUE

Hello David
I have tried twice to send you an email and am blocked.
(reason: 550-211.29.132.9 blocked by ldap:ou=rblmx,dc=bellsouth,dc=net)

73 Lee VK5ABC

[Non-text portions of this message have been removed]

161. AM-7223/URC Help

Yahoo group: harris-radio
Date: 2008-01-22 03:05:13 UTC
From: vk5abc
Topic: 161 Message: 161

Hello Everyone
Does any one know how much does T1 transformer weight? (I beleive it is the large power transformer)

73 Lee VK5ABC

162. Iceland

Yahoo group: harris-radio
Date: 2008-01-25 08:17:04 UTC
From: vk5abc
Topic: 162 Message: 162

Hello Everyone
Is there anyone in this group from Iceland?
73 Lee VK5ABC

163. AM-7223/URC power connectors

Yahoo group: harris-radio
Date: 2008-02-02 18:21:25 UTC
From: vk5abc
Topic: 163 Message: 163

Hello Everyone
Does anyone here know where I can buy the power connector for the AM-7223/URC

73 Lee VK5ABC

164. Re: AM-7223/URC power connectors

Yahoo group: harris-radio
Date: 2008-02-05 21:44:51 UTC
From: Terry
Topic: 163 Message: 164

Hey, Lee....

Give me your address & I'll send ya one.

Terry
WA7PML

--- In harris-radio@yahoogroups.com, "vk5abc" <vk5abc@...> wrote:
>
> Hello Everyone
> Does anyone here know where I can buy the power connector for the AM-
> 7223/URC
>
> 73 Lee VK5ABC
>

165. DC-DC converter

Yahoo group: harris-radio
Date: 2008-02-13 22:22:31 UTC
From: ab8al
Topic: 165 Message: 165

I am looking for a converter to run a 28VDC radio on the standard 13.8 Automotvie system. I need 15 to 20 amps at the 28VDC. Is you have one or have a source please email me.

Thanks,
Terry

166. RE: [harris-radio] DC-DC converter

Yahoo group: harris-radio
Date: 2008-02-15 00:54:08 UTC
From: Roger Waldmiller
Topic: 165 Message: 166

HI
Harris does make a converter 12 to 28 v ,. a RF-5052 and currently also has a converter RF5056
Both have a 12v input and 28 v dc out at approx 17 amps continuous and 20 amps intermittently
IF you can find them could be the problem. The 5056 is in production and expensive , mil you know.

Roger w
waldrgrmllr@...
alphapapa 3200 2000
k4alphapapa

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of ab8al
Sent: Wednesday, February 13, 2008 5:23 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] DC-DC converter

I am looking for a converter to run a 28VDC radio on the standard 13.8 Automotvie system. I need 15 to 20 amps at the 28VDC. Is you have one or have a source please email me.

Thanks,
Terry

[Non-text portions of this message have been removed]

167. Re: DC-DC converter

Yahoo group: harris-radio
Date: 2008-02-15 03:21:09 UTC
From: Mike
Topic: 165 Message: 167

Check Ebay item 250216291072. This seller has listed the same or a
similar 12 to 28v inverter in the past and I have no connection with
the seller.
Good luck.
Mike
--- In harris-radio@yahoogroups.com, "ab8al" <ab8al@...> wrote:
>
> I am looking for a converter to run a 28VDC radio on the standard 13.8
> Automotvie system. I need 15 to 20 amps at the 28VDC. Is you have one
> or have a source please email me.
>
> Thanks,
> Terry
>

168. Re: [harris-radio] Re: DC-DC converter

Yahoo group: harris-radio
Date: 2008-02-15 06:04:56 UTC
From: Terry
Topic: 165 Message: 168

Thanks Mike, I emailed him a couple weeks ago when I
saw it the problem is it is only 10A and my radio
needs 15 to 20A.

Terry
--- Mike <prcradio@...> wrote:

> Check Ebay item 250216291072. This seller has listed
> the same or a
> similar 12 to 28v inverter in the past and I have no
> connection with
> the seller.
> Good luck.
> Mike
> --- In harris-radio@yahoogroups.com, "ab8al"
> <ab8al@...> wrote:
> >
> > I am looking for a converter to run a 28VDC radio
> on the standard 13.8
> > Automotvie system. I need 15 to 20 amps at the
> 28VDC. Is you have one
> > or have a source please email me.
> >
> > Thanks,
> > Terry
> >
>
>
>

Be a better friend, newshound, and
know-it-all with Yahoo! Mobile. Try it now.
http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ

169. Re: [harris-radio] DC-DC converter

Yahoo group: harris-radio
Date: 2008-02-15 11:33:45 UTC
From: stevesykes@rochester.rr.com
Topic: 165 Message: 169

Terry,
There is a company called Surepower. They have the convertors used by
Harris.
Steve W2SES
----- Original Message -----
From: ab8al <ab8al@...>
Date: Wednesday, February 13, 2008 5:22 pm
Subject: [harris-radio] DC-DC converter
To: harris-radio@yahoogroups.com

> I am looking for a converter to run a 28VDC radio on the standard
> 13.8
> Automotvie system. I need 15 to 20 amps at the 28VDC. Is you have
> one
> or have a source please email me.
>
> Thanks,
> Terry
>
>

170. Re: [harris-radio] DC-DC converter

Yahoo group: harris-radio
Date: 2008-02-15 16:04:21 UTC
From: Terry
Topic: 165 Message: 170

Thanks Steve I sent them an email requesting a price.

Terry
--- stevesykes@... wrote:

>
> Terry,
> There is a company called Surepower. They have the
> convertors used by
> Harris.
> Steve W2SES
> ----- Original Message -----
> From: ab8al <ab8al@...>
> Date: Wednesday, February 13, 2008 5:22 pm
> Subject: [harris-radio] DC-DC converter
> To: harris-radio@yahoogroups.com
>
> > I am looking for a converter to run a 28VDC radio
> on the standard
> > 13.8
> > Automotvie system. I need 15 to 20 amps at the
> 28VDC. Is you have
> > one
> > or have a source please email me.
> >
> > Thanks,
> > Terry
> >
> >
>

Be a better friend, newshound, and
know-it-all with Yahoo! Mobile. Try it now.
http://mobile.yahoo.com/;_ylt=Ahu06i62sR8HDtDypao8Wcj9tAcJ

172. Re: AM-7223/URC power connectors

Yahoo group: harris-radio
Date: 2008-02-19 16:34:47 UTC
From: vk5abc
Topic: 163 Message: 172

Hello Terry
Did you receive my email?
73 Lee VK5ABC

--- In harris-radio@yahoogroups.com, "Terry" <barhata@...> wrote:
>
> Hey, Lee....
>
> Give me your address & I'll send ya one.
>
> Terry
> WA7PML
>
> --- In harris-radio@yahoogroups.com, "vk5abc" <vk5abc@> wrote:
> >
> > Hello Everyone
> > Does anyone here know where I can buy the power connector for
the AM-
> > 7223/URC
> >
> > 73 Lee VK5ABC
> >
>

173. Re: [harris-radio] Re: AM-7223/URC power connectors

Yahoo group: harris-radio
Date: 2008-02-24 07:34:08 UTC
From: Sonny Makalena
Topic: 163 Message: 173

Hello all,
I was hoping for some help to find some Harris RF- 5000 equipment. I'm looking for a RF-5031 125 Watt Amp
or the RF-5034 400 Watt Amp to complete my Harris HF radio system. Well I would like to wish everyone a
good weekend.

Click to this web site with info:
http://www.hfcommunicator.com

Changes to this site:
http://uxo.home.bresnan.net/index.htm

a.. Harris RF-5000, URC-129, GRC-231 HF radio system. RF-5020 and RF-5022 exciters.
a.. RF-5020 Receiver Exciter
b.. RF-5022 Receiver Exciter
c.. RF-5022e Receiver Exciter
d.. RF-5031 125 Watt Amplifier
e.. RF-5034 400 Watt Amplifier
f.. RF-5051 Power Supply

Sonny, KG4HZF

----- Original Message -----
From: vk5abc
To: harris-radio@yahoogroups.com
Sent: Tuesday, February 19, 2008 6:34 AM
Subject: [harris-radio] Re: AM-7223/URC power connectors

Hello Terry
Did you receive my email?
73 Lee VK5ABC

--- In harris-radio@yahoogroups.com, "Terry" <barhata@...> wrote:
>
> Hey, Lee....
>
> Give me your address & I'll send ya one.
>
> Terry
> WA7PML
>
> --- In harris-radio@yahoogroups.com, "vk5abc" <vk5abc@> wrote:
> >
> > Hello Everyone
> > Does anyone here know where I can buy the power connector for
the AM-

> > 7223/URC
> >
> > 73 Lee VK5ABC
> >
>

[Non-text portions of this message have been removed]

174. Need help searching for a RF-5031 125 Watt Amp or RF-5034 400 Watt Amp

Yahoo group: harris-radio
Date: 2008-02-26 12:55:06 UTC
From: Sonny Makalena
Topic: 174 Message: 174

Hello all,
I was hoping for some help to find some Harris RF- 5000 equipment. I'm
looking for a RF-5031 125 Watt Amp
or the RF-5034 400 Watt Amp to complete my Harris HF radio system.
Well I would
like to wish everyone a
good weekend.

Click to this web site with info:
http://www.hfcommunicator.com

Changes to this site:
http://uxo.home.bresnan.net/index.htm

a.. Harris RF-5000, URC-129, GRC-231 HF radio system. RF-5020 and RF-
5022
exciters.
a.. RF-5020 Receiver Exciter
b.. RF-5022 Receiver Exciter
c.. RF-5022e Receiver Exciter
d.. RF-5031 125 Watt Amplifier
e.. RF-5034 400 Watt Amplifier
f.. RF-5051 Power Supply

Thanks,

Sonny, KG4HZF

175. Re: [harris-radio] Need help searching for a RF-5031 125 Watt Amp or RF-5034 400 Watt Amp

Yahoo group: harris-radio
Date: 2008-02-26 14:16:33 UTC
From: Terry
Topic: 174 Message: 175

Good luck.

If your aren't using ALE you may have better luck finding a PA unit like a Hughs or one of the others that would work. I have seen info from other tha have hooked up the falcon to older amps so not sure what all was involved. I know a couple people that had the complete station and looked for a year or so and never found the matching unit. Then ended up selling the gear which worked out for me as I picked up the matching powersupply. When I bought the radio set up it was complete but out of a mobile installation so didn't have the powersupply but I knew I could use an Astron 28V if I had trouble finding the PS5051.

Terry
AB8AL

PS. IF you come across the 400W and don't want to fork out the money let me know and I might buy it and sell the 125W I have to you.

--- Sonny Makalena <s.makalena@...> wrote:

> Hello all,
> I was hoping for some help to find some Harris RF-
> 5000 equipment. I'm
> looking for a RF-5031 125 Watt Amp
> or the RF-5034 400 Watt Amp to complete my Harris HF
> radio system.
> Well I would
> like to wish everyone a
> good weekend.
>
> Click to this web site with info:
> http://www.hfcommunicator.com
>
> Changes to this site:
> http://uxo.home.bresnan.net/index.htm
>
>
> a.. Harris RF-5000, URC-129, GRC-231 HF radio
> system. RF-5020 and RF-
> 5022
> exciters.

> a.. RF-5020 Receiver Exciter
> b.. RF-5022 Receiver Exciter
> c.. RF-5022e Receiver Exciter
> d.. RF-5031 125 Watt Amplifier
> e.. RF-5034 400 Watt Amplifier
> f.. RF-5051 Power Supply
>
> Thanks,
>
> Sonny, KG4HZF
>
>
>

Looking for last minute shopping deals?
Find them fast with Yahoo! Search.
http://tools.search.yahoo.com/newsearch/category.php?category=shopping

176. Box of misc. cables

Yahoo group: harris-radio
Date: 2008-02-27 14:19:35 UTC
From: mmoss111
Topic: 176 Message: 176

I found a box of misc. connecting cables
that no longer have their respective
radios with them.
The radios are long gone and
I hate to toss all these cables in the trash.
I will list all the numbers on the cables
in a few days and
perhaps we can identify which radios
they go to.
I will offer them free just for the
shipping costs if anyone might be
interested in them.

Marvin

177. Box of misc. cables

Yahoo group: harris-radio
Date: 2008-02-27 15:59:14 UTC
From: jimk8cop@afo.net
Topic: 176 Message: 177

Marvin,

What brand are the cables? Motorola, Harris, etc.

Thanks,

Jim Duram, K8COP
Whitehall, MI.

---
mail2web LIVE ☐ Free email based on Microsoft® Exchange technology -
http://link.mail2web.com/LIVE

178. Wanted AM-7223/URC

Yahoo group: harris-radio
Date: 2008-02-29 15:55:35 UTC
From: vk5abc
Topic: 178 Message: 178

Hello Everyone
Is there anyone with a AM-7223/URC for sale or know where I could buy one? I would like to hear from you off list.

73 Lee VK5ABC

179. RF-7210(A)

Yahoo group: harris-radio
Date: 2008-03-01 16:35:28 UTC
From: sesykes71
Topic: 179 Message: 179

Anyone got an RF-7210 or RF-7210A for sale. I would like to get one
to use with my RT-1446.

73
Steve NNN0HSB/W2SES

180. AM-7223/URC Help

Yahoo group: harris-radio
Date: 2008-03-08 13:56:25 UTC
From: vk5abc
Topic: 161 Message: 180

Hello Everyone
Just how noisy is the fan on this amplifier? One person told me that it sounded like a wind tunnel. all the configurations in the manuals show the 500W amplifier mounted under the RT-1446/URC.They can't be that noisy, can they? Is this because they require maintenance?

73 Lee VK5ABC

181. Re: [harris-radio] AM-7223/URC Help

Yahoo group: harris-radio
Date: 2008-03-08 18:09:54 UTC
From: Terry
Topic: 161 Message: 181

Sorry but they sound like a leaf blower welcome to the
Harris amps Hi Hi. The best thing is if you can mount
it remotely in a different room. all functions are
from the RF350K so you don't need the amp in the
shack.

Terry
ab8al
--- vk5abc <vk5abc@...> wrote:

> Hello Everyone
> Just how noisy is the fan on this amplifier? One
> person told me that
> it sounded like a wind tunnel. all the
> configurations in the manuals
> show the 500W amplifier mounted under the
> RT-1446/URC.They can't be
> that noisy, can they? Is this because they require
> maintenance?
>
> 73 Lee VK5ABC
>
>

Never miss a thing. Make Yahoo your home page.
http://www.yahoo.com/r/hs

182. rf-280

Yahoo group: harris-radio
Date: 2008-03-14 20:30:23 UTC
From: dpo777
Topic: 150 Message: 182

looking for a manual for the rf-280

183. RF-280

Yahoo group: harris-radio
Date: 2008-03-24 17:16:18 UTC
From: dpo777
Topic: 183 Message: 183

W7FG MANUALS NOW HAS THE RF-280 MANUAL

184. ALE fill gun for RF-3200E

Yahoo group: harris-radio
Date: 2008-04-08 00:48:24 UTC
From: arclight_arclight
Topic: 184 Message: 184

All: I see references to an ALE fill gun for the RF-3200E. Does anyone have any particulars on how that device worked? Is there a way to use the RS-232 connectivity through that connector (not the normal REMOTE connector) to program the radio from a PC, or is the fill gun a special device?

Thanks,
Dave AFA2WZ

185. wanted: RF-1310 manual

Yahoo group: harris-radio
Date: 2008-04-08 09:04:04 UTC
From: Chris Roselaar
Topic: 185 Message: 185

Hi,
Can anyone help me in finding a (copy) of the service-manual for the RF-1310 exciter (part of the RF-130 installation)? The RF-1310 I'm using shows intermittent "out-of-synchronisation" erros on start-up. Even though this error-message disappears after some five minutes and the exciter works great from that moment on, I'd like to track down the cause of this behaviour.
Any help appreciated. Costs will of course be reimbursed.
73's Christiaan PA3FUN http://www.pa3fun.nl

186. Re: [harris-radio] wanted: RF-1310 manual

Yahoo group: harris-radio
Date: 2008-04-08 09:54:49 UTC
From: Francesco Clonfero
Topic: 185 Message: 186

Hi, Chris
if ypu provide me a shipping address I will be glad to mail you a CD manual of the Harris RF-1310A exiter
73 de IW2BRB Francesco
----- Original Message -----
From: Chris Roselaar
To: harris-radio@yahoogroups.com
Sent: Tuesday, April 08, 2008 11:04 AM
Subject: [harris-radio] wanted: RF-1310 manual

Hi,
Can anyone help me in finding a (copy) of the service-manual for the RF-1310 exciter (part of the RF-130 installation)? The RF-1310 I'm using shows intermittent "out-of-synchronisation" erros on start-up. Even though this error-message disappears after some five minutes and the exciter works great from that moment on, I'd like to track down the cause of this behaviour.
Any help appreciated. Costs will of course be reimbursed.
73's Christiaan PA3FUN http://www.pa3fun.nl

[Non-text portions of this message have been removed]

187. RE: [harris-radio] ALE fill gun for RF-3200E

Yahoo group: harris-radio
Date: 2008-04-08 23:56:43 UTC
From: Roger Waldmiller
Topic: 184 Message: 187

Hi Dave:
The ALE fill gun was a thought of someone but never produced . It was to be similar to the fill guns used by the RF 5000 radios or setup programming freqs or what ever. It was to be a handheld device . In case of the ALE it might program the IDs and Freqs and groups BUT it never happened.
The E radio does have a serial connection in the assy rear connector , pins 13,14,15, see operators manual. section 2-15, 1-11;. pin 2 of rs232 goes to assy pin 15, pin 3 ,rs232 goes to assy pin 14, pin assy 13 is logic gnd. Use the PC as a dumb terminal, using Procomm or similair.
You can not do any programming of the radio only controlling the A group preset channels and the ALE operation functions like calling etc . Look in the HELP cmd to see what is available.
All radio programming , configurations etc are done manually via the key pad and dial.

Hope this helps. With the exception of the manual programming the unit is a very good working unit.

Regards
Roger w

Roger waldmiller
waldrgrmllr@...
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of arclight_arclight
Sent: Monday, April 07, 2008 8:48 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] ALE fill gun for RF-3200E

All: I see references to an ALE fill gun for the RF-3200E. Does anyone have any particulars on how that device worked? Is there a way to use the RS-232 connectivity through that connector (not the normal REMOTE connector) to program the radio from a PC, or is the fill gun a special device?

Thanks,
Dave AFA2WZ

[Non-text portions of this message have been removed]

188. RE: [harris-radio] ALE fill gun for RF-3200E

Yahoo group: harris-radio
Date: 2008-04-09 00:37:40 UTC
From: Dave Maples
Topic: 184 Message: 188

Roger: Thanks for the discouraging note (grin). Getting around that keypad for programming the radio was precisely what I was after.

I am having good fun using the terminal connection on mine. I'm also noodling around about how to automate data and mail on mine in response to inbound AMD messages. That would seem like the ultimate interoperability thingie, because almost every radio out there can do an AMD message, while most can't do DTM or DBM.

Thanks,
Dave AFA2WZ
-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]On Behalf Of Roger Waldmiller
Sent: Tuesday, April 08, 2008 7:57 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] ALE fill gun for RF-3200E

Hi Dave:
The ALE fill gun was a thought of someone but never produced . It was to be
similar to the fill guns used by the RF 5000 radios or setup programming freqs or what ever. It was to be a handheld device . In case of the ALE it might program the IDs and Freqs and groups BUT it never happened.
The E radio does have a serial connection in the assy rear connector , pins
13,14,15, see operators manual. section 2-15, 1-11;. pin 2 of rs232 goes to
assy pin 15, pin 3 ,rs232 goes to assy pin 14, pin assy 13 is logic gnd. Use
the PC as a dumb terminal, using Procomm or similair.
You can not do any programming of the radio only controlling the A group preset channels and the ALE operation functions like calling etc . Look in the HELP cmd to see what is available.
All radio programming , configurations etc are done manually via the key pad
and dial.

Hope this helps. With the exception of the manual programming the unit is a
very good working unit.

Regards
Roger w

Roger waldmiller
waldrgrmllr@...
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
On
Behalf Of arclight_arclight
Sent: Monday, April 07, 2008 8:48 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] ALE fill gun for RF-3200E

All: I see references to an ALE fill gun for the RF-3200E. Does anyone have any particulars on how that device worked? Is there a way to use the RS-232 connectivity through that connector (not the normal REMOTE connector) to program the radio from a PC, or is the fill gun a special device?

Thanks,
Dave AFA2WZ

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

189. Memory Battery Replacement

Yahoo group: harris-radio
Date: 2008-04-17 16:25:56 UTC
From: Jim, K8COP
Topic: 189 Message: 189

The memory battery in the RF-350 has failed in the radio. What do you guys suggest as a replacement?

Jim, K8COP

[Non-text portions of this message have been removed]

190. Introduction, New Member

Yahoo group: harris-radio
Date: 2008-04-29 22:20:15 UTC
From: scm325
Topic: 190 Message: 190

Hello to the group,

Thanks Roger & Jim for your help getting hooked in. My name is Steve and I live in E.Tennessee, close to Knoxville, I am an Extra class, and a GROL holder, I work as a contractor for a Fed. Govt. entity managing & maintaining a Motorola SmartZone Digital & Analog (Dual Mode) Simulcast Trunking radio system. I've worked in Two-Way and Law Enforcement for the last 26 years, and have been licensed as an amateur since the mid 70s. Over the past 4-5 years I have become very interested in HF radios made by RF Communications, Harris, and ITT Mackay; I presently have operational an RF-350K w/ both the RF-355 LPA & the RF-352 (C-11329/URC) remote control, and am looking for the RF-351 antenna Coupler. I am restoring an RF-301A (just about finished) for which I have both the RF-302 Antenna Coupler, and the rare RF-302R Remote Antenna Coupler. I have just acquired a complete (radio, couplers, & Remote control) an RT-1230(V)1 - AN/URC-94(V)1 station (hasn't arrived yet...can't wait) I have most of the documentation for the above plus if anyone needs it an electronic copy of the very rare RF-301P HF Packset manual.

Anyway enough about me, I'm sure that membership to this group will be of great benefit to me and am looking forward to learning a great deal

73,
Steve
WD4GYN

191. la6tja

Yahoo group: harris-radio
Date: 2008-05-27 21:39:16 UTC
From: dpo777
Topic: 191 Message: 191

anyone have his email address?

192. PRC-77/KY-57 Cable Installation Kit for M-151 MUTT Jeep

Yahoo group: harris-radio
Date: 2008-05-30 02:36:37 UTC
From: mmoss111
Topic: 192 Message: 192

I am getting ready to toss a brand-new still-sealed set of cables for a VRC-64 or GRC-160 radio setup. This is a PRC-77 with KY-57 for use in a jeep (M-151 MUTT) I will be happy to give these cables to anyone who wants them for free if you pay whatever shipping costs are applicable. Just let me know if you want them.

Tnx, Marvin

193. Re: PRC-77/KY-57 Cable Installation Kit for M-151 MUTT Jeep

Yahoo group: harris-radio
Date: 2008-05-31 02:31:35 UTC
From: scm325
Topic: 192 Message: 193

Marvin
I would be interested my zip is 37830 in Tennessee...let me know the
postage amount

Steve
WD4GYN

--- In harris-radio@yahoogroups.com, "mmoss111" <mmoss@...> wrote:
>
> I am getting ready to toss a brand-new still-sealed set of cables for
> a VRC-64 or GRC-160 radio setup. This is a PRC-77 with KY-57 for use
> in a jeep (M-151 MUTT) I will be happy to give these cables to anyone
> who wants them for free if you pay whatever shipping costs are
applicable.
> Just let me know if you want them.
>
> Tnx, Marvin
>

194. RF-3200

Yahoo group: harris-radio
Date: 2008-06-21 22:30:09 UTC
From: iw2brb
Topic: 194 Message: 194

Hello to all members.
I need the SERVICE MANUAL for the HARRIS RF-3200 Tranceiver.
Can you help me in finding it?
Regards,
Francesco

195. Re: [harris-radio] RF-3200

Yahoo group: harris-radio
Date: 2008-06-22 02:57:33 UTC
From: v44kai
Topic: 194 Message: 195

Hi Francesco,

If you hang on a day or two, Roger may! be able to help you, he is normally busy on the week ends, so give him a couple of days to respond. I got one from him last year, if he got it, you will get it, he is very reliable.

v44kai.....Joel.

----- Original Message -----
From: "iw2brb" <f.clonfero@...>
To: <harris-radio@yahoogroups.com>
Sent: Saturday, June 21, 2008 5:30 PM
Subject: [harris-radio] RF-3200

> Hello to all members.
> I need the SERVICE MANUAL for the HARRIS RF-3200 Tranceiver.
> Can you help me in finding it?
> Regards,
> Francesco
>
>
> ----------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to
> get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>

No virus found in this incoming message.
Checked by AVG.
Version: 8.0.100 / Virus Database: 270.4.1/1512 - Release Date: 6/21/2008 9:27 AM

196. Receive A1A5 BIT failure

Yahoo group: harris-radio
Date: 2008-06-23 05:18:25 UTC
From: Cortland
Topic: 196 Message: 196

When I run TEST on my RF-350K I get a 1 A1A5 1 failurem which the manual (found on mods.dk) tells me is an open LPF in the recieve path. However, the receiver works fine there. Is this just a dirty relay?

Cortland
KA5S

197. Re: [harris-radio] Receive A1A5 BIT failure

Yahoo group: harris-radio
Date: 2008-06-23 11:23:05 UTC
From: Steve Sykes
Topic: 196 Message: 197

Yes, it is a dirty relay. They can be cleaned, or left alone. There is
a modifcation to put dc voltage on the contacts to help keep the them clean.

Steve W2SES/NNN0HSB

Cortland wrote:
>
> When I run TEST on my RF-350K I get a 1 A1A5 1 failurem which the
> manual (found on mods.dk) tells me is an open LPF in the recieve path.
> However, the receiver works fine there. Is this just a dirty relay?
>
> Cortland
> KA5S
>
>

198. Re: Receive A1A5 BIT failure

Yahoo group: harris-radio
Date: 2008-06-23 11:59:25 UTC
From: Cortland
Topic: 196 Message: 198

Thanks, Steve. The seller had told me it was an inconsequential failure and it seems he was right. I will probably do the mod anyway.

Cheers,

Cortland
KA5S/AAR5UT

--- In harris-radio@yahoogroups.com, Steve Sykes <stevesykes@...> wrote:
>
> Yes, it is a dirty relay. They can be cleaned, or left alone. There is
> a modifcation to put dc voltage on the contacts to help keep the
them clean.
>
> Steve W2SES/NNN0HSB

199. Re: [harris-radio] Re: Receive A1A5 BIT failure

Yahoo group: harris-radio
Date: 2008-06-23 12:29:28 UTC
From: Steve Sykes
Topic: 196 Message: 199

My 350 also gives that failure, I have tried several harmonic filter
boards, but each has a dirty relay. I have not done the mod yet, but
will sometime. Once you key the radio, the relay seems to work ok anyway.
Steve
Cortland wrote:
>
> Thanks, Steve. The seller had told me it was an inconsequential
> failure and it seems he was right. I will probably do the mod anyway.
>
> Cheers,
>
> Cortland
> KA5S/AAR5UT
>
> --- In harris-radio@yahoogroups.com
> <mailto:harris-radio%40yahoogroups.com>, Steve Sykes <stevesykes@...>
> wrote:
> >
> > Yes, it is a dirty relay. They can be cleaned, or left alone. There is
> > a modifcation to put dc voltage on the contacts to help keep the
> them clean.
> >
> > Steve W2SES/NNN0HSB
>
>

200. RE: [harris-radio] RF-3200

Yahoo group: harris-radio
Date: 2008-06-23 14:06:52 UTC
From: Roger Waldmiller
Topic: 194 Message: 200

Good Morning Francesco:
I may be able to help with the service manual for the 3200. 10212-0300
I need to know what series you actually have , primarily the installed
firmware and the electronic s/n .

Both can be seen, hopefully if the firmware isn't too old , Push the #
button once for a displayed firmware (120 or 121 followed by a letter) ,
push the # button again for the electronic s/n.
I also need to know what country you are in and Ham call sign.
With this info ,I can approximate the year of the radio and with the country
can give you several options for obtaining the manual.

Do you also have the "operators manual?? 10212-0050 rev ?

Regards
Roger w

Roger waldmiller
waldrgrmllr@...
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of iw2brb
Sent: Saturday, June 21, 2008 6:30 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-3200

Hello to all members.
I need the SERVICE MANUAL for the HARRIS RF-3200 Tranceiver.
Can you help me in finding it?
Regards,
Francesco

[Non-text portions of this message have been removed]

201. Re: [harris-radio] Receive A1A5 BIT failure

Yahoo group: harris-radio
Date: 2008-06-23 15:19:19 UTC
From: Terry
Topic: 196 Message: 201

yes

--- On Mon, 6/23/08, Cortland <ka5s@...> wrote:

From: Cortland <ka5s@...>
Subject: [harris-radio] Receive A1A5 BIT failure
To: harris-radio@yahoogroups.com
Date: Monday, June 23, 2008, 9:18 AM

When I run TEST on my RF-350K I get a 1 A1A5 1 failurem which the
manual (found on mods.dk) tells me is an open LPF in the recieve path.
However, the receiver works fine there. Is this just a dirty relay?

Cortland
KA5S

202. AM-7223 arrived

Yahoo group: harris-radio
Date: 2008-06-25 00:15:23 UTC
From: Cortland
Topic: 202 Message: 202

Still in the shipping container as I need to bring in stronger table.
Plus, I'm too tired to wrstle with 120 lbs (in the shipping container).

Expecting a CU-2310 next week; this will be my primary MARS rig when I
get everything going.

Q: Why is the word "Bounce" even within a hundred yards of this set?
Maskirovka?

Cortland
KA5S/AAR5UT

203. Re: AM-7223 arrived

Yahoo group: harris-radio
Date: 2008-06-25 01:14:56 UTC
From: scm325
Topic: 202 Message: 203

Didn't think that the RF-350 was acccepted by the NTIA as an approved rig for MARS use anymore...was looking at some MARS site that had a link to NTIA approved rigs and checked...no longer approved for MARS / FED / NTIA operating freqs...not sure why...you might check...I was planning on using mine if & when I got into MARS, but not sure now.

FWIW

Steve
WD4GYN

-- In harris-radio@yahoogroups.com, "Cortland" <ka5s@...> wrote:
>
> Still in the shipping container as I need to bring in stronger table.
> Plus, I'm too tired to wrstle with 120 lbs (in the shipping
container).
>
> Expecting a CU-2310 next week; this will be my primary MARS rig when I
> get everything going.
>
> Q: Why is the word "Bounce" even within a hundred yards of this set?
> Maskirovka?
>
>
> Cortland
> KA5S/AAR5UT
>

204. WTB AM-7223/URC

Yahoo group: harris-radio
Date: 2008-06-25 01:49:14 UTC
From: vk5abc
Topic: 204 Message: 204

Hello Everyone

Does anyone here have an AM-7223/URC that they wish to sell.
I would like to hear from you.

73 Lee VK5ABC

205. Re:[harris-radio] WTB AM-7223/URC

Yahoo group: harris-radio
Date: 2008-06-25 02:21:19 UTC
From: S C Marrow
Topic: 204 Message: 205

Hello,

I have a freind that has one for sale in Tennessee...he told me about it about a month ago...don't beleive he's sold it yet...beleive the asking price was $450 or possibly a little less...if you like i'll check with him and see if it's still available.

Steve
WD4GYN
----- Original Message -----
From: vk5abc
To: harris-radio@yahoogroups.com
Sent: Tuesday, June 24, 2008 9:49 PM
Subject: [SPAM][harris-radio] WTB AM-7223/URC

Hello Everyone

Does anyone here have an AM-7223/URC that they wish to sell.
I would like to hear from you.

73 Lee VK5ABC

[Non-text portions of this message have been removed]

206. Re: Re:[harris-radio] WTB AM-7223/URC

Yahoo group: harris-radio
Date: 2008-06-25 03:31:37 UTC
From: L Ritta
Topic: 204 Message: 206

Hello Steve

Thank you for your email. Yes if you could, I would apreciate it.

73 Lee VK5ABC
----- Original Message -----
From: S C Marrow
To: harris-radio@yahoogroups.com
Sent: Wednesday, June 25, 2008 11:51 AM
Subject: Re:[harris-radio] WTB AM-7223/URC

Hello,

I have a freind that has one for sale in Tennessee...he told me about it about a month ago...don't beleive he's sold it yet...beleive the asking price was $450 or possibly a little less...if you like i'll check with him and see if it's still available.

Steve
WD4GYN
----- Original Message -----
From: vk5abc
To: harris-radio@yahoogroups.com
Sent: Tuesday, June 24, 2008 9:49 PM
Subject: [SPAM][harris-radio] WTB AM-7223/URC

Hello Everyone

Does anyone here have an AM-7223/URC that they wish to sell.
I would like to hear from you.

73 Lee VK5ABC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

207. Spec, specs, and NTIA spectral standards

Yahoo group: harris-radio
Date: 2008-06-25 04:07:12 UTC
From: Cortland
Topic: 202 Message: 207

Yes, I ran across that as well. A poster somewhere else said the 350K was noncompliant because of IMD, which is an odd comment.

I think the site everyone has been using does not have the straight info on all the rigs it approves or disapproves of. For example, the RF-350K is supposedly non-complaint because spurious emissions are 50 dB down, not the 60 required. But the only reference to 50 dB down in its specs is for opposite sideband and carrier, which are still well within the NTIA spectral mask for SSB. I'll upload that here. BTW, the latest NTIA Red Book is dated January of this year.

I will be measuring the spurs of my 1446 and if necessary aligning and adjusting to minimize them.

Army MARS, at least, and maybe the others, did not insist on the 1 January date for NTIA compliance on its HF nets. These rigs are built, however, to a much higher standard than the FCC requires of Amateur gear and I am thinking of simulcasting if I am NCS, and perhaps rebroadcasting stations between secondary and primary net frequencies, which takes a really tough receiver front end.

If we really want to get picky, BTW, the Red Book requires directional antennas with at least 6 dB F/B ratio for operation above 4 MHz.

Cortland
KA5S/AAR5UT

--- In harris-radio@yahoogroups.com, "scm325" <Highpwr@...> wrote:
>
> Didn't think that the RF-350 was acccepted by the NTIA as an approved
> rig for MARS use anymore...was looking at some MARS site that had a
> link to NTIA approved rigs and checked...no longer approved for MARS /
> FED / NTIA operating freqs...not sure why...you might check...I was
> planning on using mine if & when I got into MARS, but not sure now.
>
> FWIW
>
> Steve
> WD4GYN
>

208. 1446: It's harmonic suppression

Yahoo group: harris-radio
Date: 2008-06-25 04:48:56 UTC
From: Cortland
Topic: 202 Message: 208

FWIW I did find the NTIA noncompliance: 2d harmonic down 40 dB, 3rd, 55 dB, where all spurs need to be down at least 60 dB. This may be fixable with higher resting current and less output. The Harris amp filters may help, too. But I'll find out when I put it on the bench with a spectrum analyzer.

Cortland
KA5S/AAR5UT

--- In harris-radio@yahoogroups.com, "scm325" <Highpwr@...> wrote:
>
> Didn't think that the RF-350 was acccepted by the NTIA as an approved
> rig for MARS use anymore...was looking at some MARS site that had a
> link to NTIA approved rigs and checked...no longer approved for MARS /
> FED / NTIA operating freqs...not sure why...you might check...I was
> planning on using mine if & when I got into MARS, but not sure now.
>
> FWIW
>
> Steve
> WD4GYN
>

209. Re: [harris-radio] Re: AM-7223 arrived

Yahoo group: harris-radio
Date: 2008-06-25 14:34:24 UTC
From: Terry
Topic: 202 Message: 209

Last I heard anything goes on Mars. The Only one following NTIA now is CAPS. MARS was heading the NTIA way but got it canceled about a year ago. So the Member that where drifting around with old tube gear are still drifting around. I MARS HQ did the math and relised the would have only a small hand full of members if they enforced the NTIA so got it waved through the proper channels. I don't think any of the Amatuer gear passes the new NTIA requirements. And not many of the membership would be able or willing to pony up for the commercial/military gear.

Terry
AB8AL/NNN0ZZO

--- On Wed, 6/25/08, scm325 <Highpwr@...> wrote:

From: scm325 <Highpwr@...>
Subject: [harris-radio] Re: AM-7223 arrived
To: harris-radio@yahoogroups.com
Date: Wednesday, June 25, 2008, 5:14 AM

Didn't think that the RF-350 was acccepted by the NTIA as an approved rig for MARS use anymore...was looking at some MARS site that had a link to NTIA approved rigs and checked...no longer approved for MARS / FED / NTIA operating freqs...not sure why...you might check...I was planning on using mine if & when I got into MARS, but not sure now.

FWIW

Steve
WD4GYN

-- In harris-radio@ yahoogroups. com, "Cortland" <ka5s@...> wrote:
>
> Still in the shipping container as I need to bring in stronger table.
> Plus, I'm too tired to wrstle with 120 lbs (in the shipping
container).
>
> Expecting a CU-2310 next week; this will be my primary MARS rig when I
> get everything going.
>
> Q: Why is the word "Bounce" even within a hundred yards of this set?
> Maskirovka?
>
>
> Cortland
> KA5S/AAR5UT
>

210. Re: Re:[harris-radio] WTB AM-7223/URC

Yahoo group: harris-radio
Date: 2008-06-25 21:56:04 UTC
From: Highpwr@Bellsouth.net
Topic: 204 Message: 210

Lee, Ihave emailed the seller and its still available. I've asked his permission to supply his email addy to you...will let you know ASAP.

Steve
---------- Original message from "L Ritta" <vk5abc@...>: ----------

Hello Steve

Thank you for your email. Yes if you could, I would apreciate it.

73 Lee VK5ABC
----- Original Message -----
From: S C Marrow
To: harris-radio@yahoogroups.com
Sent: Wednesday, June 25, 2008 11:51 AM
Subject: Re:[harris-radio] WTB AM-7223/URC

Hello,

I have a freind that has one for sale in Tennessee...he told me about it about a month ago...don't beleive he's sold it yet...beleive the asking price was $450 or possibly a little less...if you like i'll check with him and see if it's still available.

Steve
WD4GYN
----- Original Message -----
From: vk5abc
To: harris-radio@yahoogroups.com
Sent: Tuesday, June 24, 2008 9:49 PM
Subject: [SPAM][harris-radio] WTB AM-7223/URC

Hello Everyone

Does anyone here have an AM-7223/URC that they wish to sell.
I would like to hear from you.

73 Lee VK5ABC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

211. Re: Re:[harris-radio] WTB AM-7223/URC

Yahoo group: harris-radio
Date: 2008-06-26 01:22:49 UTC
From: S C Marrow
Topic: 204 Message: 211

Lee,

His name is Dale, his address is WSM61554@... .

73,
Steve
WD4GYN

----- Original Message -----
From: L Ritta
To: harris-radio@yahoogroups.com
Sent: Tuesday, June 24, 2008 11:31 PM
Subject: Re: Re:[harris-radio] WTB AM-7223/URC

Hello Steve

Thank you for your email. Yes if you could, I would apreciate it.

73 Lee VK5ABC
----- Original Message -----
From: S C Marrow
To: harris-radio@yahoogroups.com
Sent: Wednesday, June 25, 2008 11:51 AM
Subject: Re:[harris-radio] WTB AM-7223/URC

Hello,

I have a freind that has one for sale in Tennessee...he told me about it about a month ago...don't beleive he's sold it yet...beleive the asking price was $450 or possibly a little less...if you like i'll check with him and see if it's still available.

Steve
WD4GYN
----- Original Message -----
From: vk5abc
To: harris-radio@yahoogroups.com
Sent: Tuesday, June 24, 2008 9:49 PM
Subject: [SPAM][harris-radio] WTB AM-7223/URC

Hello Everyone

Does anyone here have an AM-7223/URC that they wish to sell.
I would like to hear from you.

73 Lee VK5ABC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

212. Re: [SPAM]Re: [harris-radio] Re: AM-7223 arrived

Yahoo group: harris-radio
Date: 2008-06-26 01:36:54 UTC
From: S C Marrow
Topic: 212 Message: 212

Terry & Cortland,

Thanks for passing that along...I was wondering myself about NTIAs stiff requirements & been thinking of giving MARS a try...but was discouraged when I saw that info...I have an RT-1446 & AM-7223 up and running...looking for the matching tuner...

Steve
WD4GYN
----- Original Message -----
From: Terry
To: harris-radio@yahoogroups.com
Sent: Wednesday, June 25, 2008 10:34 AM
Subject: [SPAM]Re: [harris-radio] Re: AM-7223 arrived

Last I heard anything goes on Mars. The Only one following NTIA now is CAPS. MARS was heading the NTIA way but got it canceled about a year ago. So the Member that where drifting around with old tube gear are still drifting around. I MARS HQ did the math and relised the would have only a small hand full of members if they enforced the NTIA so got it waved through the proper channels. I don't think any of the Amatuer gear passes the new NTIA requirements. And not many of the membership would be able or willing to pony up for the commercial/military gear.

Terry
AB8AL/NNN0ZZO

--- On Wed, 6/25/08, scm325 <Highpwr@...> wrote:

From: scm325 <Highpwr@...>
Subject: [harris-radio] Re: AM-7223 arrived
To: harris-radio@yahoogroups.com
Date: Wednesday, June 25, 2008, 5:14 AM

Didn't think that the RF-350 was acccepted by the NTIA as an approved rig for MARS use anymore...was looking at some MARS site that had a link to NTIA approved rigs and checked...no longer approved for MARS / FED / NTIA operating freqs...not sure why...you might check...I was planning on using mine if & when I got into MARS, but not sure now.

FWIW

Steve
WD4GYN

-- In harris-radio@ yahoogroups. com, "Cortland" <ka5s@...> wrote:
>
> Still in the shipping container as I need to bring in stronger table.
> Plus, I'm too tired to wrstle with 120 lbs (in the shipping

container).
>
> Expecting a CU-2310 next week; this will be my primary MARS rig when I
> get everything going.
>
> Q: Why is the word "Bounce" even within a hundred yards of this set?
> Maskirovka?
>
>
> Cortland
> KA5S/AAR5UT
>

[Non-text portions of this message have been removed]

213. harris rf-3500

Yahoo group: harris-radio
Date: 2008-06-27 15:04:11 UTC
From: George R. Griesbach
Topic: 213 Message: 213

Hello to the group.
Just found out about this list and signed up.
I have recently purchased a qty of harris rf-230's marine radios which happen to be NTIA compliant.
I am looking for parts and supplies for this line of harris radios.
In all the stuff I found some boards for a 3500 modem.
I wonder if anyone needs these or has a rf-3500 for sale? I am in MARS and would like to find a newer harris modem to use on MARS or the rest of this 3500.
Thanks, George W5GRG,AFA4GG

214. Re: [harris-radio] harris rf-3500

Yahoo group: harris-radio
Date: 2008-06-27 17:23:24 UTC
From: Steve Sykes
Topic: 213 Message: 214

The RF-3500 was an ARQ modem. It is pretty much unsupportable now. A PK-232 or KAM will work better and use a lot less power. The RF-230 radios switch fast enough for pactor as well as Amtor, although they are channelized they work quite well. They are quite simple and the PA are very rugged. I have been using an RF-2301, which is pretty much the same radio except it as a frequency readout.

Steve W2SES/NNN0HSB

George R. Griesbach wrote:
>
> Hello to the group.
> Just found out about this list and signed up.
> I have recently purchased a qty of harris rf-230's marine radios which
> happen to be NTIA compliant.
> I am looking for parts and supplies for this line of harris radios.
> In all the stuff I found some boards for a 3500 modem.
> I wonder if anyone needs these or has a rf-3500 for sale? I am in MARS
> and would like to find a newer harris modem to use on MARS or the rest
> of this 3500.
> Thanks, George W5GRG,AFA4GG
>
>

215. RT-1446/URC display help

Yahoo group: harris-radio
Date: 2008-06-30 16:47:29 UTC
From: vk5abc
Topic: 215 Message: 215

Hello Everyone

I need some help with the display board. I have done an examination of the display board and found black soot around L1 and U4 and could not find the display brightness control R50. What is the inductance of L1?

Are U6 and U8 in the same package? What is voltage range of the alc?

73 Lee VK5ABC

216. Harris RF-1110

Yahoo group: harris-radio
Date: 2008-07-01 01:30:59 UTC
From: berndt.wulf
Topic: 216 Message: 216

G'day,

I'm after the circuit diagrams for the Harris RF-1110 amplifier. Is there anyone on this list who can help out?

73, Berndt
VK5ABN

217. Harris RF-110A/RF-124

Yahoo group: harris-radio
Date: 2008-07-01 01:40:31 UTC
From: berndt.wulf
Topic: 217 Message: 217

G'day,

I'm restoring a Harris RF-110A/RF-124 for which I need the following parts to finish this project:

2 x neon bulbs NE-2D C7A (currently missing)
2 x indicator lenses (clear) for above (ditto)
1 x Littelfuse HVB-1.5 (blew due to a flashover)

Failing to source these parts on the net and bat the usual surplus stores, is there someone on the list that can help out?

Many thanks in advance,

73, Berndt
VK5ABN

218. RT-1446/URC display help

Yahoo group: harris-radio
Date: 2008-07-01 12:15:48 UTC
From: vk5abc
Topic: 215 Message: 218

Hello Everyone
Does anyone have the instructions for repairing the back lighting for the lcd display. There used to instructions on a web site somewhere but I have lost the url.

73 Lee VK5ABC

219. Harris RF-3466A Universal HF Modem

Yahoo group: harris-radio
Date: 2008-07-03 01:04:13 UTC
From: berndt.wulf
Topic: 219 Message: 219

G'day,

does anyone have information on connector pin assignments and dip switch settings for a Harris RF-3466A? Ideally, I want access to the manual, but this should be sufficient to get me started at the interim.

73, Berndt
VK5ABN

220. Harris RF-7210A ALE Controller

Yahoo group: harris-radio
Date: 2008-07-08 14:56:02 UTC
From: berndt.wulf
Topic: 220 Message: 220

G'day,

I'm interested in using the above controller in a HAM Radio ALE network. Is there anyone on this list that has experience in using this equipment in any of the HAM Radio based ALE networks. What are the pros and cons? Does it interoperate and compatible with other equipment of this type?

73, Berndt
VK5ABN

221. CU-2310 arrived

Yahoo group: harris-radio
Date: 2008-07-12 03:02:43 UTC
From: Cortland
Topic: 221 Message: 221

So naturally I had to try it out. Seems to work fine with the 350K. Tomorrow I'll hook up the amplifier. One control cable is not QUITE long enough to put the tuner in the pole barn but I'm thinking of putting the amp and the tuner both in the barn so I only need low power in the shack. The barn has 220.

One leetle problem. A rattling noise when I picked up the tuner turned out to be four, two inch Phillips head screws. Seeing as the tuner *works* I'll look up the drawings in the manual and not be in a hurry to take things apart; the main board and the actual tuner shelf all look complete, and the fan is secure. Any ideas?

Cortland
KA5S

222. RF-590 Help

Yahoo group: harris-radio
Date: 2008-07-12 13:56:58 UTC
From: vk5abc
Topic: 222 Message: 222

Hello Everyone

Does anyone have a RF-590 with the A23 ? I need a picture of the A23 board so I can identify J1 and J2 connectors.

Thanks and 73 Lee

223. re: rf-350 problems

Yahoo group: harris-radio
Date: 2008-07-13 00:24:21 UTC
From: grg
Topic: 223 Message: 223

My MARS supplied rf-350 locks up in xmit when I select Audio2 in the audio menu. I have to reset the radio. additionally, it will never transmit full power but you can hear it in nearby radios clearly. My MARS guy said it usually was the last transistor before the PA but he did not know why the radio locked up.
Thanks, George W5GRG, AFA4GG

224. Re: rf-350 problems

Yahoo group: harris-radio
Date: 2008-07-13 05:37:04 UTC
From: Cortland
Topic: 223 Message: 224

--- In harris-radio@yahoogroups.com, grg <AFA4GG@...> wrote:
>
> My MARS supplied rf-350 locks up in xmit when I select Audio2 in the
> audio menu. I have to reset the radio. additionally, it will never
> transmit full power but you can hear it in nearby radios clearly. My
> MARS guy said it usually was the last transistor before the PA but he
> did not know why the radio locked up.
> Thanks, George W5GRG, AFA4GG
>
Just out of curiosity, have you tried running the self-test?

Cortland
KA5S/AAR5UT

225. Re : [harris-radio] re: rf-350 problems

Yahoo group: harris-radio
Date: 2008-07-13 14:00:20 UTC
From: philippe gombert
Topic: 225 Message: 225

Hello,
Are you sure that you have sufficient level at the input of audio2?
Normally (i do not use mars software but i use pcale and other software), i you increase the level output of you sound card (i you do not use mic) the level output increase...
Best regards
Philippe F1ETA

----- Message d'origine ----
De : grg <AFA4GG@...>
À : harris-radio@yahoogroups.com
Envoyé le : Dimanche, 13 Juillet 2008, 2h24mn 21s
Objet : [harris-radio] re: rf-350 problems

My MARS supplied rf-350 locks up in xmit when I select Audio2 in the audio menu. I have to reset the radio. additionally, it will never transmit full power but you can hear it in nearby radios clearly. My MARS guy said it usually was the last transistor before the PA but he did not know why the radio locked up.
Thanks, George W5GRG, AFA4GG

_____
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[Non-text portions of this message have been removed]

226. RF-3200 Display damaged

Yahoo group: harris-radio
Date: 2008-07-13 18:09:14 UTC
From: fire22pa
Topic: 226 Message: 226

Display damaged looking to possible replace the display on my RF-3200 that has received some damage the display is not totally out but it is difficult to read a portion of the freq. area of the display it must have got bumped

73's paul

227. RE: [harris-radio] RF-3200 Display damaged

Yahoo group: harris-radio
Date: 2008-07-13 21:14:44 UTC
From: Roger Waldmiller
Topic: 226 Message: 227

Hell Paul;
The display may not be the problem . It is driven from a power supply PSI on the A2 audio bd behind the speaker.
The electrolytic capacitors C19, C20 , C21, C22 all 47uf 10v, 50 v respectively go bad especially C19,C20 . I would suggest you check/ replace these before the display .. The display is a bear to change as it is a multi pin , 10212-2123 contains all the pins for all the little small led indicators also.
Advise /contact me directly if you require it. waldrgrmllr@...
Regards
Roger
k4alphapapa
waldrgrmllr@...
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of fire22pa
Sent: Sunday, July 13, 2008 2:09 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-3200 Display damaged

Display damaged looking to possible replace the display on my RF-3200 that has received some damage the display is not totally out but it is difficult to read a portion of the freq. area of the display it must have got bumped

73's paul

[Non-text portions of this message have been removed]

228. Harris RF-7405

Yahoo group: harris-radio
Date: 2008-07-15 01:35:26 UTC
From: Berndt Josef Wulf
Topic: 228 Message: 228

G'day,

I've a Harris RF-7405 controller and need information on how to connect and configure it to control a Harris RF590(A)/RF-2368/URR receiver and RF-1310 exciter. Does someone on this list have information on the pin-outs, dip-switch settings and any other relevant configuration parameters for this equipment or perhaps a manual?

With many thanks in advance,

73, Berndt
VK5ABN

229. RF-351 help

Yahoo group: harris-radio
Date: 2008-07-20 11:17:17 UTC
From: vk5abc
Topic: 229 Message: 229

Howdy folks
In case you did not reconize the above model name
it is the CU-2310/URC well I would like to know what
cable you need to make the one that goes between the RF-350K and the
RF-351 coupler. I have guessed it needs 10 conductors but I am
uncertain does it use shielded or unsheilded and the thinkness of the
cable. It seems to me that the original cables are rare as hen's teeth.
hi! any help would be apreciated.

73 Lee VK5ABC

230. Re : [harris-radio] RF-351 help

Yahoo group: harris-radio
Date: 2008-07-20 12:19:53 UTC
From: philippe gombert
Topic: 230 Message: 230

Hello,
If you are interested, i have technical documentation for rf coupler and i can send to you by mail if you mail adress.
Best regards
73 Philippe F1ETA

----- Message d'origine ----
De : vk5abc <vk5abc@...>
À : harris-radio@yahoogroups.com
Envoyé le : Dimanche, 20 Juillet 2008, 13h17mn 17s
Objet : [harris-radio] RF-351 help

Howdy folks
In case you did not reconize the above model name
it is the CU-2310/URC well I would like to know what
cable you need to make the one that goes between the RF-350K and the
RF-351 coupler. I have guessed it needs 10 conductors but I am
uncertain does it use shielded or unsheilded and the thinkness of the
cable. It seems to me that the original cables are rare as hen's teeth.
hi! any help would be apreciated.

73 Lee VK5ABC

_____
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[Non-text portions of this message have been removed]

231. Re: Re : [harris-radio] RF-351 help

Yahoo group: harris-radio
Date: 2008-07-21 17:29:06 UTC
From: scm325
Topic: 230 Message: 231

Check this site...the manual for the 351 should be under the CU-2310 header.
http://www.petergottlieb.com/links.html
SCM

--- In harris-radio@yahoogroups.com, philippe gombert <philgievres@...> wrote:
>
> Hello,
> If you are interested, i have technical documentation for rf coupler and i can send to you by mail if you mail adress.
> Best regards
> 73 Philippe F1ETA
>
>
>
> ----- Message d'origine ----
> De : vk5abc <vk5abc@...>
> Ã□ : harris-radio@yahoogroups.com
> EnvoyÃ© le : Dimanche, 20 Juillet 2008, 13h17mn 17s
> ObjetÂ : [harris-radio] RF-351 help
>
>
> Howdy folks
> In case you did not reconize the above model name
> it is the CU-2310/URC well I would like to know what
> cable you need to make the one that goes between the RF-350K and the
> RF-351 coupler. I have guessed it needs 10 conductors but I am
> uncertain does it use shielded or unsheilded and the thinkness of the
> cable. It seems to me that the original cables are rare as hen's teeth.
> hi! any help would be apreciated.
>
> 73 Lee VK5ABC
>
>
>
>
>

> Envoyez avec Yahoo! Mail. Une boite mail plus intelligente

http://mail.yahoo.fr
>
> [Non-text portions of this message have been removed]
>

232. RF-382 jumper settings?

Yahoo group: harris-radio
Date: 2008-07-28 14:15:24 UTC
From: Mike
Topic: 232 Message: 232

Anyone know the internal jumper settings for RF-5000 series?
Thanks,
Mike

233. Re: [harris-radio] RF-382 jumper settings?

Yahoo group: harris-radio
Date: 2008-07-29 22:25:45 UTC
From: Steve Sykes
Topic: 232 Message: 233

Unless it was made for an RT-1446, it should be set for the 5000. I assume it is an RF-382-02
The setting for Dip switch A1A3S2 is
1 2 3 4
C O C C

Steve W2SES
Mike wrote:
>
> Anyone know the internal jumper settings for RF-5000 series?
> Thanks,
> Mike
>
>

234. Re: RF-382 jumper settings?

Yahoo group: harris-radio
Date: 2008-07-30 14:24:44 UTC
From: Mike
Topic: 232 Message: 234

Apparently the coupler was set for the 1446, thanks very much!
Mike
--- In harris-radio@yahoogroups.com, Steve Sykes <stevesykes@...> wrote:
>
> Unless it was made for an RT-1446, it should be set for the 5000. I
> assume it is an RF-382-02
> The setting for Dip switch A1A3S2 is
> 1 2 3 4
> C O C C
>
> Steve W2SES
> Mike wrote:
> >
> > Anyone know the internal jumper settings for RF-5000 series?
> > Thanks,
> > Mike
> >
> >
>

235. Wanted RF-350K / A1A18A2 bracket

Yahoo group: harris-radio
Date: 2008-08-10 12:19:36 UTC
From: vk5abc
Topic: 235 Message: 235

Hello Everyone

I need the mounting bracket for the A1A18 AFSK board and the
A1A18A1 AFSK board I have recently aquired the A1A18A2 filter
assy only to find it lacks the mounting bracket and the AFSK assy.

Can you help? Do you know someone with at least the mounting bracket.
Please contact me off the list.

73 Lee VK5ABC

236. RF-1310: usable for frequencies below 2Mc?

Yahoo group: harris-radio
Date: 2008-08-17 20:24:02 UTC
From: Chris Roselaar
Topic: 236 Message: 236

Hi All,
I'd very much like to operate my RF-1310 on 160m.
The manual I have says it should work fine from 499Kc up till 30Mc.
However, any keypad entry of a frequency below 2 Mc is ignored. The
exciter simply remains on its original frequency.
Can't find any clue in my manual. No dip-switches, no nothing.
B.t.w.: this exciter comes from an RF-130 station, which incorporates
the RF-110A amplifier which works from 2Mc up till 30Mc.
My best guess is that the firmware of this RF-1310 is factory-modified
to prevent the RF-110A being driven by too low a frequency.
This is just a guess however. Anyone who can help me get this thing to
operate on 160?
73's Chris PA3FUN

237. Re: [harris-radio] RF-1310: usable for frequencies below 2Mc?

Yahoo group: harris-radio
Date: 2008-08-17 22:43:19 UTC
From: Berndt Josef Wulf
Topic: 236 Message: 237

On Monday 18 August 2008 05:54:02 Chris Roselaar wrote:
> Hi All,
> I'd very much like to operate my RF-1310 on 160m.
> The manual I have says it should work fine from 499Kc up till
> 30Mc. However, any keypad entry of a frequency below 2 Mc is
> ignored. The exciter simply remains on its original frequency.
> Can't find any clue in my manual. No dip-switches, no nothing.
> B.t.w.: this exciter comes from an RF-130 station, which
> incorporates the RF-110A amplifier which works from 2Mc up till
> 30Mc. My best guess is that the firmware of this RF-1310 is
> factory-modified to prevent the RF-110A being driven by too low a
> frequency. This is just a guess however. Anyone who can help me
> get this thing to operate on 160?
> 73's Chris PA3FUN

G'day Chris,

you may find that it only works down to 405KHz in "Signal Generator Mode". For this you have to set the mode selector switch inside the RF1310.

73, Berndt
VK5ABN

238. Re: [harris-radio] RF-1310: usable for frequencies below 2Mc?

Yahoo group: harris-radio
Date: 2008-08-17 23:23:44 UTC
From: Berndt Josef Wulf
Topic: 236 Message: 238

On Monday 18 August 2008 08:13:19 Berndt Josef Wulf wrote:
> On Monday 18 August 2008 05:54:02 Chris Roselaar wrote:
> > Hi All,
> > I'd very much like to operate my RF-1310 on 160m.
> > The manual I have says it should work fine from 499Kc up till
> > 30Mc. However, any keypad entry of a frequency below 2 Mc is
> > ignored. The exciter simply remains on its original frequency.
> > Can't find any clue in my manual. No dip-switches, no nothing.
> > B.t.w.: this exciter comes from an RF-130 station, which
> > incorporates the RF-110A amplifier which works from 2Mc up till
> > 30Mc. My best guess is that the firmware of this RF-1310 is
> > factory-modified to prevent the RF-110A being driven by too low
> > a frequency. This is just a guess however. Anyone who can help
> > me get this thing to operate on 160?
> > 73's Chris PA3FUN
>
> G'day Chris,
>
> you may find that it only works down to 405KHz in "Signal
> Generator Mode". For this you have to set the mode selector
> switch inside the RF1310.
>
> 73, Berndt
> VK5ABN

I just checked and found that I was able to enter frequencies under
100KHz with the exciter being part of the URT23B system. Perhaps
your exciter uses a different firmware?

cheerio Berndt

239. RF-350K in remote mode

Yahoo group: harris-radio
Date: 2008-08-28 05:57:43 UTC
From: zaffiro42
Topic: 239 Message: 239

Hello to all; I have a problem with my rf350. I'm experimenting rtx in remote using line input/output for digital modes. Line out works fine, but line-in seems not work: the incoming signal is correctly metered on tx at about 0 dbm, but I've no power output. All other audio sources and modes works fine - patch tested only for line-out. Looking at the schema, if the signal is metered it reaches directly the balanced modulator, because audio compressor is bypassed and the clipper is bypassed too; so, because all the other sources works fine, why I don't have power out when operate in remote with line in ?
Please help, I will appreciate a lot.
Thanks Stefano ik2yxt

240. Re : [harris-radio] RF-350K in remote mode

Yahoo group: harris-radio
Date: 2008-08-28 11:45:29 UTC
From: philippe gombert
Topic: 240 Message: 240

Hello,
I use this for digital mode too. With no problem. For remote by "audio" input you have two input and one output. The cabling for audio in/out is not the same in remote by computer and remote by audio (audio2) line....
Regards

----- Message d'origine ----
De : zaffiro42 <stefano.banti@poste.it>
À : harris-radio@yahoogroups.com
Envoyé le : Jeudi, 28 Août 2008, 7h57mn 43s
Objet : [harris-radio] RF-350K in remote mode

Hello to all; I have a problem with my rf350. I'm experimenting rtx in remote using line input/output for digital modes. Line out works fine, but line-in seems not work: the incoming signal is correctly metered on tx at about 0 dbm, but I've no power output. All other audio sources and modes works fine - patch tested only for line-out. Looking at the schema, if the signal is metered it reaches directly the balanced modulator, because audio compressor is bypassed and the clipper is bypassed too; so, because all the other sources works fine, why I don't have power out when operate in remote with line in ?
Please help, I will appreciate a lot.
Thanks Stefano ik2yxt

_____
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[Non-text portions of this message have been removed]

241. Re: RF-350K in remote mode

Yahoo group: harris-radio
Date: 2008-09-01 14:00:06 UTC
From: Cortland
Topic: 239 Message: 241

I am using the phone patch input for local data I/O and to transmit it is necessary to change the audio source (locally,I must use the keypad) from microphone to patch. You might have to change it to Aux.

Cortland
KA5S

--- In harris-radio@yahoogroups.com, "zaffiro42" <stefano.banti@...> wrote:
>
> Hello to all; I have a problem with my rf350. I'm experimenting rtx in
> remote using line input/output for digital modes. Line out works fine,
> but line-in seems not work: the incoming signal is correctly metered
> on tx at about 0 dbm, but I've no power output. All other audio
> sources and modes works fine - patch tested only for line-out. Looking
> at the schema, if the signal is metered it reaches directly the
> balanced modulator, because audio compressor is bypassed and the
> clipper is bypassed too; so, because all the other sources works fine,
> why I don't have power out when operate in remote with line in ?
> Please help, I will appreciate a lot.
> Thanks Stefano ik2yxt
>

242. CU-2310 fan

Yahoo group: harris-radio
Date: 2008-09-01 14:32:03 UTC
From: Cortland
Topic: 242 Message: 242

I am concerned that the fan in my CU-2310 (RF-351) runs all the time when the rig is on. Has anyone replaced this fan or know an available commercal fan that can be used to do so? Is there perhaps a temperature-control mod for the CU-2310?

Cortland
KA5S

243. WTB RF-355 Amplifier

Yahoo group: harris-radio
Date: 2008-09-01 15:23:43 UTC
From: vk5abc
Topic: 243 Message: 243

Hello Everyone

I am looking for a Harris 500W amplifier can anyone help?
Please email me with price and condition.

73 Lee VK5ABC

244. CW using a RF-7405 remote controller

Yahoo group: harris-radio
Date: 2008-09-01 22:22:25 UTC
From: Berndt Josef Wulf
Topic: 244 Message: 244

G'day,

I have a RF-7405 remote controller connected to a RF-1310. The unit appears to be working fine except of a couple of issues that I can't explain nor resolve.

CW Mode Problem
==========
I've connected J3-8 (CW Key Out) of the RF-7405 to the input of J10-9 (AUX CW KEY) of the RF-13010. However, when keying the tansmitter, it acts like a PTT, e.g. the exciter and PA change to transmit mode, but no keyed carrier is evident.

MIC Selection Problem
==========
On some occasions I was unable to select LSB as the audio source in LSB mode in which case the mode indicator on the remote controller toggled brightness a number of time and returning an error code 11 - "command is invalid in the addressed unit's present state". Execution of the same request in local mode was successful.
It was only after selecting a channel that had the audio source LSB pre-programmed that I was able to use this mode with any other selection. I suspect that either the controller or the exciter software got into a funny state, perhaps a software bug, which prohibited the selection of the LSB audio source in LSB mode.

Has anyone else seen this and perhaps solved the problem? If it works for you, what is the software version of your controller and exciter?

I'm looking forward to your comments

73, Berndt
VK5ABN

245. Harris RF-601

Yahoo group: harris-radio
Date: 2008-09-01 22:26:19 UTC
From: Berndt Josef Wulf
Topic: 245 Message: 245

G'day,

can someone help with a manual for a Harris RF-601 antenna tuner?

Many thanks in advance,

73, Berndt
VK5ABN

246. Wanted RF-350K spare

Yahoo group: harris-radio
Date: 2008-09-02 03:05:56 UTC
From: vk5abc
Topic: 246 Message: 246

Howdy Folks
I am still looking for a mounting plate for a A1A18 AFSK PWB
Does anyone have picture of the aforesaid item so I can replicate one.

73 Lee

247. WTB: Harris RF-654

Yahoo group: harris-radio
Date: 2008-09-02 04:30:22 UTC
From: Berndt Josef Wulf
Topic: 247 Message: 247

G'day,

I'm looking for a Harris RF-654 antenna multicoupler. Please contact me privately if you happen to have one for sale/swap.

73, Berndt
VK5ABN

248. RF-350K question

Yahoo group: harris-radio
Date: 2008-09-04 02:49:21 UTC
From: vk5abc
Topic: 248 Message: 248

Hello Everyone
Does anyone know what the output transistors Q4 and Q5 on the RF output stages are and are they still available, if not what can I use in their place.

73 Lee

249. RF-3200 CW Filter

Yahoo group: harris-radio
Date: 2008-09-24 10:22:18 UTC
From: sesykes71
Topic: 249 Message: 249

Anyone have a CW filter for the RF-3200 they would part with?

Regards,
Steve W2SES

250. RE: [harris-radio] RF-3200 CW Filter

Yahoo group: harris-radio
Date: 2008-09-24 13:57:32 UTC
From: Roger Waldmiller
Topic: 249 Message: 250

Hi Steve
The Cw filter is made by TOYCOM model TQF-729A OR FILTRONETICS INC
model FN1661 455kc
If this is a new addition to the board , you will need the coils and caps
for input and output ckty.
If you needs the specs , I have them , contact me directly

Regards
Roger w
k4alphapapa
waldrgrmllr@...
alphapapa 3200 2000

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of sesykes71
Sent: Wednesday, September 24, 2008 6:22 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-3200 CW Filter

Anyone have a CW filter for the RF-3200 they would part with?

Regards,
Steve W2SES

[Non-text portions of this message have been removed]

251. External receive modification for RF-350?

Yahoo group: harris-radio
Date: 2008-10-08 03:26:36 UTC
From: Cortland
Topic: 251 Message: 251

Has anyone tried converting the RF sample jack into an external receiver connection? It would be useful to monitor a secondary frequency while operating on the primary.

Cortland
KA5S

252. FS: RF-350 Xcvr; RF-355 Amp; RF-351 Ant Tuner

Yahoo group: harris-radio
Date: 2008-10-27 22:37:17 UTC
From: Terry
Topic: 252 Message: 252

I have for sale the full setup:

100w Xcvr (85 lbs) - $900
500w Amplifier (65 lbs) - $700
500w Auto Ant Tuner (25 lbs) - $500

Shipping is expensive (i.e. $230 from Seattle, WA to Lousiana for just the 85 lb Xcvr!), but I will split the shipping costs. If you can pick up in the Seattle, WA area, shipping would not be an issue. All cabling is included. Full documentation on CD. For more details, contact me at barhterra@...

Cheers,
Terry WA7PML

253. Re: AM-7223/URC Help

Yahoo group: harris-radio
Date: 2008-11-02 18:46:11 UTC
From: Cortland
Topic: 161 Message: 253

I have to agree, Terry, but the regular control cable is far too short. Do I really need that MIL-SPEC wire to extend the control cable?. Looks like any 14 conductors or better wired 1:1 would do it with no HV on the line. Is that right? I want to relocate the amp this to the basement, just under the operating position.

Cortland
KA5S

--- In harris-radio@yahoogroups.com, Terry <ab8al@...> wrote:
>
> Sorry but they sound like a leaf blower welcome to the
> Harris amps Hi Hi. The best thing is if you can mount
> it remotely in a different room. all functions are
> from the RF350K so you don't need the amp in the
> shack.
>
> Terry
> ab8al
> --- vk5abc <vk5abc@...> wrote:
>
> > Hello Everyone
> > Just how noisy is the fan on this amplifier? One
> > person told me that
> > it sounded like a wind tunnel. all the
> > configurations in the manuals
> > show the 500W amplifier mounted under the
> > RT-1446/URC.They can't be
> > that noisy, can they? Is this because they require
> > maintenance?
> >
> > 73 Lee VK5ABC
> >
> >
>
>
>
>

> Never miss a thing. Make Yahoo your home page.
> http://www.yahoo.com/r/hs
>

254. Re: [harris-radio] Re: AM-7223/URC Help

Yahoo group: harris-radio
Date: 2008-11-02 21:32:56 UTC
From: Terry
Topic: 161 Message: 254

I don't have mine remote mounted yet but the manual give the distance allowable. I would think any shielded cable with the proper conductors will work. Once I relocate the station to the basement I will be remoting the amp to a different room from the shack.

Terry

--- On Sun, 11/2/08, Cortland <ka5s@...> wrote:

From: Cortland <ka5s@...>
Subject: [harris-radio] Re: AM-7223/URC Help
To: harris-radio@...m
Date: Sunday, November 2, 2008, 10:46 PM

I have to agree, Terry, but the regular control cable is far too short. Do I really need that MIL-SPEC wire to extend the control cable?. Looks like any 14 conductors or better wired 1:1 would do it with no HV on the line. Is that right? I want to relocate the amp this to the basement, just under the operating position.

Cortland
KA5S

--- In harris-radio@ yahoogroups. com, Terry <ab8al@...> wrote:
>
> Sorry but they sound like a leaf blower welcome to the
> Harris amps Hi Hi. The best thing is if you can mount
> it remotely in a different room. all functions are
> from the RF350K so you don't need the amp in the
> shack.
>
> Terry
> ab8al
> --- vk5abc <vk5abc@...> wrote:
>
> > Hello Everyone
> > Just how noisy is the fan on this amplifier? One
> > person told me that
> > it sounded like a wind tunnel. all the
> > configurations in the manuals
> > show the 500W amplifier mounted under the
> > RT-1446/URC. They can't be
> > that noisy, can they? Is this because they require
> > maintenance?
> >
> > 73 Lee VK5ABC
> >

> >
>
>
>
>

---------- --------- --------- --------- --------- --------- -
> Never miss a thing. Make Yahoo your home page.
> http://www.yahoo. com/r/hs
>

[Non-text portions of this message have been removed]

255. Re: AM-7223/URC Help

Yahoo group: harris-radio
Date: 2008-11-03 00:57:09 UTC
From: donaldpoquette
Topic: 161 Message: 255

Cortland,
Terry is meaning the entire radio set can be remoted. You can not just keep the RT unit on your desk, then Remote the Amplifier. Given the proper configuration, you can remotely operate the radio from a few feet to miles. Key phrase is "Proper Configuration".

Don Poquette, KE9XB

--- In harris-radio@yahoogroups.com, Terry <ab8al@...> wrote:
>
> I don't have mine remote mounted yet but the manual give the distance allowable. I would think any shielded cable with the proper conductors will work. Once I relocate the station to the basement I will be remoting the amp to a different room from the shack.
>
> Terry
>
> --- On Sun, 11/2/08, Cortland <ka5s@...> wrote:
>
> From: Cortland <ka5s@...>
> Subject: [harris-radio] Re: AM-7223/URC Help
> To: harris-radio@yahoogroups.com
> Date: Sunday, November 2, 2008, 10:46 PM
>
>
>
>
>
>
> I have to agree, Terry, but the regular control cable is far too
> short. Do I really need that MIL-SPEC wire to extend the control
> cable?. Looks like any 14 conductors or better wired 1:1 would do it
> with no HV on the line. Is that right? I want to relocate the amp
this
> to the basement, just under the operating position.
>
> Cortland
> KA5S
>
> --- In harris-radio@ yahoogroups. com, Terry <ab8al@> wrote:
> >
> > Sorry but they sound like a leaf blower welcome to the
> > Harris amps Hi Hi. The best thing is if you can mount
> > it remotely in a different room. all functions are
> > from the RF350K so you don't need the amp in the

> > shack.
> >
> > Terry
> > ab8al
> > --- vk5abc <vk5abc@> wrote:
> >
> > > Hello Everyone
> > > Just how noisy is the fan on this amplifier? One
> > > person told me that
> > > it sounded like a wind tunnel. all the
> > > configurations in the manuals
> > > show the 500W amplifier mounted under the
> > > RT-1446/URC. They can't be
> > > that noisy, can they? Is this because they require
> > > maintenance?
> > >
> > > 73 Lee VK5ABC
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> _____ _____ _____ _____ _____ _____ _
> > Never miss a thing. Make Yahoo your home page.
> > http://www.yahoo. com/r/hs
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> [Non-text portions of this message have been removed]
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256. Re: FS: RF-350 Xcvr; RF-355 Amp; RF-351 Ant Tuner

Yahoo group: harris-radio
Date: 2008-11-03 03:01:19 UTC
From: vk5abc
Topic: 252 Message: 256

Are you willing to ship the tuner to vk5

--- In harris-radio@yahoogroups.com, "Terry" <barhata@...> wrote:
>
> I have for sale the full setup:
>
> 100w Xcvr (85 lbs) - $900
> 500w Amplifier (65 lbs) - $700
> 500w Auto Ant Tuner (25 lbs) - $500
>
> Shipping is expensive (i.e. $230 from Seattle, WA to Lousiana for
just
> the 85 lb Xcvr!), but I will split the shipping costs. If you can
pick
> up in the Seattle, WA area, shipping would not be an issue. All
cabling
> is included. Full documentation on CD. For more details, contact
me at
> barhterra@...
>
> Cheers,
> Terry WA7PML
>

257. Re: AM-7223/URC Help

Yahoo group: harris-radio
Date: 2008-11-05 03:31:54 UTC
From: Cortland
Topic: 161 Message: 257

Hi Don,

I guess it's not really "remote" if all you do is put the 7223 on the other side of a wall or floor, eh? The interconnecting cable just needs to be longer. I don't see any length-sensitive signals in it, either.

Cortland
KA5S

--- In harris-radio@yahoogroups.com, "donaldpoquette" <donaldpoquette@...> wrote:
>
> Cortland,
> Terry is meaning the entire radio set can be remoted. You can not
> just keep the RT unit on your desk, then Remote the Amplifier. Given
> the proper configuration, you can remotely operate the radio from a
> few feet to miles. Key phrase is "Proper Configuration".
>
> Don Poquette, KE9XB
>
>
> --- In harris-radio@yahoogroups.com, Terry <ab8al@> wrote:
> >
> > I don't have mine remote mounted yet but the manual give the
> distance allowable. I would think any shielded cable with the proper
> conductors will work. Once I relocate the station to the basement I
> will be remoting the amp to a different room from the shack.
> >
> > Terry
> >
> > --- On Sun, 11/2/08, Cortland <ka5s@> wrote:
> >
> > From: Cortland <ka5s@>
> > Subject: [harris-radio] Re: AM-7223/URC Help
> > To: harris-radio@yahoogroups.com
> > Date: Sunday, November 2, 2008, 10:46 PM
> >
> >
> >
> >
> >
> >
> > I have to agree, Terry, but the regular control cable is far too
> > short. Do I really need that MIL-SPEC wire to extend the control
> > cable?. Looks like any 14 conductors or better wired 1:1 would do it

> > with no HV on the line. Is that right? I want to relocate the amp
> this
> > to the basement, just under the operating position.
> >
> > Cortland
> > KA5S
> >
> > --- In harris-radio@ yahoogroups. com, Terry <ab8al@> wrote:
> > >
> > > Sorry but they sound like a leaf blower welcome to the
> > > Harris amps Hi Hi. The best thing is if you can mount
> > > it remotely in a different room. all functions are
> > > from the RF350K so you don't need the amp in the
> > > shack.
> > >
> > > Terry
> > > ab8al
> > > --- vk5abc <vk5abc@> wrote:
> > >
> > > > Hello Everyone
> > > > Just how noisy is the fan on this amplifier? One
> > > > person told me that
> > > > it sounded like a wind tunnel. all the
> > > > configurations in the manuals
> > > > show the 500W amplifier mounted under the
> > > > RT-1446/URC. They can't be
> > > > that noisy, can they? Is this because they require
> > > > maintenance?
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> > > > 73 Lee VK5ABC
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> > _____ _____ _____ _____ _____ _____ _
> > > Never miss a thing. Make Yahoo your home page.
> > > http://www.yahoo. com/r/hs
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> > [Non-text portions of this message have been removed]
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>

258. Aux Rx, remote cables for amps

Yahoo group: harris-radio
Date: 2008-11-05 17:03:28 UTC
From: k7yoo
Topic: 258 Message: 258

I have looked into adding an auxiliary rx to use with the RF 350 and it is quite feasable to tap off at the RF 350 receiver front end (before the internal TR relay)but the one issue is that any auxiliary receiver will be listening through the BP filter related to the freq the RF 350 is tuned to. This limits you to "listening around the band" unless you use an external TR relay. This will only work if you interlock/sequence with the transmit function of the xcvr to prevent frying the aux rx. You should use a rx multicoupler for isolation. Just hooking rx in parallel is not optimum.

I have mounted both of my amps away from the operating position using standard computer cables. I did find several cables that did not work, but never bothered to figure out why. I assume it had to do with ground/shield connections in the cable.

I purchased a breakout box so that I can cut the cable and key the amp with another rig. Use the RF 350 to autotune the amp and them switch over to a Kenwood, etc. The keyline and ALC are fairly standard.

Skip
K7yoo

259. RF-127-01/02?

Yahoo group: harris-radio
Date: 2008-11-12 15:44:37 UTC
From: eugene_hertz
Topic: 259 Message: 259

Hello out there in harris land.

Anyone have any information on this auto tuner/coupler? RF-127-01/02?

I am looking to acquire a manual if possible.

Anyone know the difference between the -01 and -02?

Anyone have any stories on this unit?

I may be looking to sell my RF-601A/ura-38 in favor of this indoor unit.

TIA 73 Eugene

---

260. RF-7210A repair

Yahoo group: harris-radio
Date: 2008-11-12 15:58:25 UTC
From: mpaciuch
Topic: 260 Message: 260

Hello,

I have RF-7210A after thunder strike. After several tries, I still suspect A3 pcb to be broken. Does anyone know where to buy this one? Or maybe you know who can repair the unit (except Harris can)?

Michal

261. Re: [harris-radio] RF-127-01/02?

Yahoo group: harris-radio
Date: 2008-11-12 22:22:58 UTC
From: Berndt Josef Wulf
Topic: 259 Message: 261

On Thursday 13 November 2008 02:14:37 eugene_hertz wrote:
> Hello out there in harris land.
>
> Anyone have any information on this auto tuner/coupler? RF-127-01/02?
>
> I am looking to acquire a manual if possible.
>
> Anyone know the difference between the -01 and -02?
>
> Anyone have any stories on this unit?
>
>
> I may be looking to sell my RF-601A/ura-38 in favor of this indoor unit.
>
> TIA 73 Eugene
> ----------

G'day Eugene,
The Harris RF 127-01 is a rack mounted coupler that connects to the
RF110A and is driven from the 5 wire BCD code from the RF 110A and a
tune request pulse.

I'm looking for a Harris antenna multicoupler and antenna tuner myself, in
order to complete my collection. How much do you want for the RF-601?

73, Berndt
VK5ABN

262. RF-7405 audio input selection

Yahoo group: harris-radio
Date: 2008-11-29 07:33:47 UTC
From: berndt.wulf
Topic: 262 Message: 262

G'day,

I've a Harris RF-7405 remote controller that is connected to a Harris RF-1310 exciter. All is operational using a standard microphone plugged into the mic connector at the front of the remote controller. However, I can't find a way to use an external microphone connected to the AUX audio port of the controller.

Whilst the circuit diagram shows the connection between the RF-7405 and RF-1310 combination, it fails to explain how to select one of the audio sources on the remote controller. These are:

MIC Audio in (default)
AUX A Audio in
AUX B Audio in

I want to connect a studio microphone and audio processor to the AUX A audio in port, but no matter what I tried, it didn't work.

Is there anyone on this list that knows how this is done?

With many thanks in advance,

73, Berndt
VK5ABN

263. RF-1310 and RF-110A

Yahoo group: harris-radio
Date: 2008-11-30 04:47:24 UTC
From: eugene@hertzmail.com
Topic: 263 Message: 263

Hello there.

I just completed wiring of the W2 cable between my RF-1310 and 110A amp. I have two questions for the group.

1. According to the manual on A18A2, the READY light on the front panel is derived from the system keyline interlock signal. The manual section can be read here: http://www.hertzmail.com/urt-23/rf-1310/interlock.jpg However. When I change bands from (say) 4MHz to 2MHz where the final transformer motor needs to make a complete rotation, my ready light goes off when I initiate the band change. HOWEVER! It comes back on well before the final transformer has stopped! It seems to become "ready" before the keyline interlock signal returns to its ready state.

2. Pin 24 of J11 on the 1310 is not indicated to go anywhere in the manual (10121-002 july 1985). However, I discovered that it needs to be grounded or a FAULT indicator lights on the front panel of the 1310. Does anyone know if this should/could be connected through to the 110A for true PA fault indication? Is there a pin on J7 that indicates failure (ie overload or something?)

Does anyone else use a 1310 with their 110A? Can anyone confirm whether or not their ready light on the panel of the 1310 remains extinguished until the band switch motor in the final transformer comes to a complete stop? Or, is what I am seeing typical where the ready light is off for a short while and then illuminates before the band switch has come to rest? Anyone willing to open their 110A and observe?

Thanks very much!
Eugene

[Non-text portions of this message have been removed]

264. AW: [harris-radio] RF-1310 and RF-110A

Yahoo group: harris-radio
Date: 2008-11-30 04:50:44 UTC
From: Berndt Josef Wulf
Topic: 263 Message: 264

G'day,

The READY LED only turns on again immidiately after the final position has been reached.

73, Berndt
VK5ABN

-----Ursprüngliche Nachricht-----
Von: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Im Auftrag von eugene@...
Gesendet: Sunday, 30 November 2008 3:17 PM
An: harris-radio@yahoogroups.com
Betreff: [harris-radio] RF-1310 and RF-110A

Hello there.

I just completed wiring of the W2 cable between my RF-1310 and 110A amp. I have two questions for the group.

1. According to the manual on A18A2, the READY light on the front panel is derived from the system keyline interlock signal. The manual section can be read here:
http://www.hertzmai
<http://www.hertzmail.com/urt-23/rf-1310/interlock.jpg>
l.com/urt-23/rf-1310/interlock.jpg However. When I
change bands from (say) 4MHz to 2MHz where the final transformer motor needs to make a complete rotation, my ready light goes off when I initiate the band change. HOWEVER! It comes back on well before the final transformer has stopped! It seems to become "ready" before the keyline interlock signal returns to its ready state.

2. Pin 24 of J11 on the 1310 is not indicated to go anywhere in the manual (10121-002 july 1985). However, I discovered that it needs to be grounded or a FAULT indicator lights on the front panel of the 1310. Does anyone know if this should/could be connected through to the 110A for true PA fault indication? Is there a pin on J7 that indicates failure (ie overload or something?)

Does anyone else use a 1310 with their 110A? Can anyone confirm whether or not their ready light on the panel of the 1310 remains extinguished until the band switch motor in the final transformer comes to a complete stop? Or, is what I am seeing typical where the ready light is off for a short while and then illuminates before the band switch has come to rest? Anyone willing to open their 110A and observe?

Thanks very much!
Eugene

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

265. Re: [harris-radio] RF-7405 audio input selection

Yahoo group: harris-radio
Date: 2008-12-01 14:59:09 UTC
From: Berndt Josef Wulf
Topic: 262 Message: 265

G'day,

The solution to my problem was that I had to disconnect the microphone from the front panel connector of the RF-7405. It never occured to me that this may be the case as the manual made no reference about how to select between MIC, AUX A and AUX B.

So, here you have it... :-)

73, Berndt
VK5ABN

On Saturday 29 November 2008 18:03:47 berndt.wulf wrote:
> G'day,
>
> I've a Harris RF-7405 remote controller that is connected to a Harris
> RF-1310 exciter. All is operational using a standard microphone
> plugged into the mic connector at the front of the remote controller.
> However, I can't find a way to use an external microphone connected to
> the AUX audio port of the controller.
>
> Whilst the circuit diagram shows the connection between the RF-7405
> and RF-1310 combination, it fails to explain how to select one of the
> audio sources on the remote controller. These are:
>
> MIC Audio in (default)
> AUX A Audio in
> AUX B Audio in
>
> I want to connect a studio microphone and audio processor to the AUX A
> audio in port, but no matter what I tried, it didn't work.
>
> Is there anyone on this list that knows how this is done?
>
> With many thanks in advance,
>
> 73, Berndt
> VK5ABN

266. RF-7110/7120A/7241A

Yahoo group: harris-radio
Date: 2008-12-03 02:21:53 UTC
From: eugene@hertzmail.com
Topic: 266 Message: 266

Hello there. I just acquired an interesting unit.

On the front, it says RF-7120A

On the rear it says RF-7110

On the rear it also says "this unit has been modified using the RF-7241A upgrade kit. See the RF-7210A manual for details"

Here are some photos of what I got:

http://www.hertzmail.com/urt-23/RF-7120A/

Does anyone know what the heck I've got!?

My thought is that it started life as a 7110 but this upgrade kit turned it into a 7210A, but I'd love to hear what you guys think.

Thanks very much

Eugene

[Non-text portions of this message have been removed]

267. Re: [harris-radio] RF-7110/7120A/7241A

Yahoo group: harris-radio
Date: 2008-12-03 02:34:18 UTC
From: Berndt Josef Wulf
Topic: 266 Message: 267

G'day,

it is a RF-7110 that was upgraded to become a RF-7120A.

cheerio Berndt

On Wednesday 03 December 2008 12:51:53 eugene@... wrote:
> Hello there. I just acquired an interesting unit.
>
> On the front, it says RF-7120A
>
> On the rear it says RF-7110
>
> On the rear it also says "this unit has been modified using the RF-7241A
> upgrade kit. See the RF-7210A manual for details"
>
>
>
> Here are some photos of what I got:
>
>
>
> http://www.hertzmail.com/urt-23/RF-7120A/
>
>
>
> Does anyone know what the heck I've got!?
>
>
>
> My thought is that it started life as a 7110 but this upgrade kit turned
> it into a 7210A, but I'd love to hear what you guys think.
>
>
>
> Thanks very much
>
> Eugene
>
>
>
>
>
> [Non-text portions of this message have been removed]

268. Re: [harris-radio] RF-7110/7120A/7241A

Yahoo group: harris-radio
Date: 2008-12-04 10:27:57 UTC
From: Steve Sykes
Topic: 266 Message: 268

Eugene,
It is an RF-7110 upgraded to RF-7120A. There was a mod kit which
essentially used the original chassis and made a 7110 into a 7210A.
Steve
eugene@... wrote:
>
> Hello there. I just acquired an interesting unit.
>
> On the front, it says RF-7120A
>
> On the rear it says RF-7110
>
> On the rear it also says "this unit has been modified using the RF-7241A
> upgrade kit. See the RF-7210A manual for details"
>
> Here are some photos of what I got:
>
> http://www.hertzmail.com/urt-23/RF-7120A/
> <http://www.hertzmail.com/urt-23/RF-7120A/>
>
> Does anyone know what the heck I've got!?
>
> My thought is that it started life as a 7110 but this upgrade kit turned
> it into a 7210A, but I'd love to hear what you guys think.
>
> Thanks very much
>
> Eugene
>
> [Non-text portions of this message have been removed]
>
>

269. RF-130 PPC/APC problem

Yahoo group: harris-radio
Date: 2008-12-07 20:29:16 UTC
From: eugene@hertzmail.com
Topic: 269 Message: 269

Hello all,

I am finally getting the RF-110A and 1310 playing together. I was going through the APC/PPC set up (from the manual, publication 10121-0022 July 1985) and I am having some difficulty.

Section 5.6 System Adjustments
Section 5.6.2 Adjustment Procedure

Generally, the procedure goes well from step (a.) through step (s.) with this exception:

Step t. Adjust exciter A18A1R15 MANUAL ATTENTUATION CCW to obtain 245 Vrms on the VTVM (1200W). Adjust exciter A18A2R21 PPC THRESHOLD CCW until the RF output level starts to drop...

It seems no matter how I turn that pot (R21 on A18A2) there is no change in the RF output level. I turned it stop to stop both directions and there is no change.

I should mention that a previous PPC related step (r.) I was able to adjust PA R11 (in the 110a) and was able to get the RF to just drop. However, the exciter R does nothing.

I believe I have checked and double checked all the switch settings and I have run this procedure now probably 4 times checking and double checking.

Can anyone suggest what might be wrong?
Thanks
Eugene

270. WTB: Harris RF-654 antenna multicoupler

Yahoo group: harris-radio
Date: 2008-12-12 23:20:02 UTC
From: berndt.wulf
Topic: 270 Message: 270

G'day,

Please contact me if you or someone you know has one for sale.

73, Berndt
VK5ABN

271. RE: [harris-radio] WTB: Harris RF-654 antenna multicoupler

Yahoo group: harris-radio
Date: 2008-12-12 23:26:31 UTC
From: eugene@hertzmail.com
Topic: 270 Message: 271

Toronto Surplus seems to have them.

I use one from TMC model AMC-8

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
On Behalf Of berndt.wulf
Sent: Friday, December 12, 2008 6:20 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] WTB: Harris RF-654 antenna multicoupler

G'day,

Please contact me if you or someone you know has one for sale.

73, Berndt
VK5ABN

[Non-text portions of this message have been removed]

272. WTB: Harris RF-601A or RF-127-01

Yahoo group: harris-radio
Date: 2008-12-12 23:50:09 UTC
From: berndt.wulf
Topic: 272 Message: 272

G'day,

please contact me if you or someone you know has one of the above units for sale. Preference is for a RF-601A but will consider a RF-127-01 antenna tuner.

73, Berndt
VK5ABN

273. Re: WTB: Harris RF-654 antenna multicoupler

Yahoo group: harris-radio
Date: 2008-12-13 06:56:26 UTC
From: L. O. Chuck Maurer
Topic: 270 Message: 273

Berndt,
I have a RF-654 and it is a fantastic multicoupler. Hope you find one for sale.

No, I have not forgotten your pictures - will try this weekend.
Chuck
W5API

274. RF-127-01 /02

Yahoo group: harris-radio
Date: 2008-12-13 12:31:30 UTC
From: Steve Sykes
Topic: 274 Message: 274

Group,
Be sure that you realize that the RF-127-01 is a line flatner not really a coupler. It was designed to match the transmitter to broad band antennas which don't present a good VSWR. They were also used in a 2 kw system where 2 RF-110 amps were combined. When used with a B&W broadband dipole for example the transmitter will be happy, but at the bad VSWR point power will be wasted off in the unit. I don't know the impedance matching range and so far haven't found any documentation on the unit. I am still looking. The most efficient combination is the RF-601 with an open wire fed RF-1912.
In summary, for convenience the RF-127 is very easy to install and use, and will take the power of the 110, but for an efficient system the 601 is the best.
Steve W2SES

275. Re: Harris RF-601

Yahoo group: harris-radio
Date: 2008-12-13 13:51:47 UTC
From: kg4ojz
Topic: 245 Message: 275

--- In harris-radio@yahoogroups.com, Berndt Josef Wulf <wulf@...> wrote:
>
> G'day,
>
> can someone help with a manual for a Harris RF-601 antenna tuner?
>
> Many thanks in advance,
>
> 73, Berndt
> VK5ABN
>
I just ordered a manual from Fair Radio Sales from Lima Ohio p/n
MMURA38., 34 bucks.
Bob...KG4OJZ

276. RF-601 (AN/URA-38) Connectors wanted

Yahoo group: harris-radio
Date: 2008-12-13 23:58:05 UTC
From: kg4ojz
Topic: 276 Message: 276

Hello group,
Any sources (other than Harris) for the connectors going from the RF-601 to the RF601 coupler control unit (C3698/URA-38)? These connector designations are:
10-109620-27P and 10-109620-27S.
I also need 10-109628-21P and 10-=109628-21S connectors going from the radio to the coupler control unit.
Either a source for the connectors or the cable assemblies would be appreciated.
Two set ups here, First is an RF-131 with RF-110, second is a RF2305 (RF-270-05) set-up and it is shown on the pic page of the groups page.

Bob....KG4OJZ (ex K1SUI)

277. RE: [harris-radio] RF-601 (AN/URA-38) Connectors wanted

Yahoo group: harris-radio
Date: 2008-12-14 00:50:47 UTC
From: eugene@hertzmail.com
Topic: 276 Message: 277

Yes, these are not hard to find. Contact William Perry. I got lots of connectors from him. He's GREAT to deal with. Sends the connector before you even pay! He wants to make sure it's the right connector first!

Good luck.

Eugene

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
On Behalf Of kg4ojz
Sent: Saturday, December 13, 2008 6:58 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-601 (AN/URA-38) Connectors wanted

Hello group,
Any sources (other than Harris) for the connectors going from the RF-601 to the RF601 coupler control unit (C3698/URA-38)? These connector designations are:
10-109620-27P and 10-109620-27S.
I also need 10-109628-21P and 10-=109628-21S connectors going from the radio to the coupler control unit.
Either a source for the connectors or the cable assemblies would be appreciated.
Two set ups here, First is an RF-131 with RF-110, second is a RF2305 (RF-270-05) set-up and it is shown on the pic page of the groups page.

Bob....KG4OJZ (ex K1SUI)

[Non-text portions of this message have been removed]

278. Re: RF-601 (AN/URA-38) Connectors wanted

Yahoo group: harris-radio
Date: 2008-12-14 04:21:09 UTC
From: scm325
Topic: 276 Message: 278

I agree William Perry is a good bet< & excellent to deal with...Newark Electronics has these type of Amphenol connectors also....the tough & realy expensive part is the multiconductor shielded cable...very expensive if you buy it new these days

--- In harris-radio@yahoogroups.com, "kg4ojz" <kg4ojz@...> wrote:
>
> Hello group,
> Any sources (other than Harris) for the connectors going from the
> RF-601 to the RF601 coupler control unit (C3698/URA-38)? These
> connector designations are:
> 10-109620-27P and 10-109620-27S.
> I also need 10-109628-21P and 10-=109628-21S connectors going from
> the radio to the coupler control unit.
> Either a source for the connectors or the cable assemblies would be
> appreciated.
> Two set ups here, First is an RF-131 with RF-110, second is a RF2305
> (RF-270-05) set-up and it is shown on the pic page of the groups page.
>
> Bob....KG4OJZ (ex K1SUI)
>

279. Re: RF-601 (AN/URA-38) Connectors wanted

Yahoo group: harris-radio
Date: 2008-12-15 18:10:01 UTC
From: kg4ojz
Topic: 276 Message: 279

Hello group,
I've done previous business with William Perry, and he's rather hard to get in contact with sometimes, but I've always been satisfied with his service. Newark does list them, but at over 500$ apiece with a long wait time. Other companies are less, but with a huge minimum order. I see these listed as made by both Amphenol and Bendix.
Guess I'll just have to continue my search, or put this end of my project on the back burner.
Bob KG4OJZ (ex K1SUI)

--- In harris-radio@yahoogroups.com, "scm325" <Highpwr@...> wrote:
>
> I agree William Perry is a good bet< & excellent to deal with...Newark
> Electronics has these type of Amphenol connectors also....the tough &
> realy expensive part is the multiconductor shielded cable...very
> expensive if you buy it new these days
>
> --- In harris-radio@yahoogroups.com, "kg4ojz" <kg4ojz@> wrote:
> >
> > Hello group,
> > Any sources (other than Harris) for the connectors going from the
> > RF-601 to the RF601 coupler control unit (C3698/URA-38)? These
> > connector designations are:
> > 10-109620-27P and 10-109620-27S.
> > I also need 10-109628-21P and 10-=109628-21S connectors going from
> > the radio to the coupler control unit.
> > Either a source for the connectors or the cable assemblies would be
> > appreciated.
> > Two set ups here, First is an RF-131 with RF-110, second is a RF2305
> > (RF-270-05) set-up and it is shown on the pic page of the groups page.
> >
> > Bob....KG4OJZ (ex K1SUI)
> >
>

280. Re: RF-601 (AN/URA-38) Connectors wanted

Yahoo group: harris-radio
Date: 2008-12-15 21:01:02 UTC
From: scm325
Topic: 276 Message: 280

Wow, I'm surprised at the Newark price; while I never priced the multipin connectors for the 601(I have one) I have bought other multipin Amphenol connectors from Newark (The Harris RF-350 power power plug, I think it was the 28-20S series) and only paid about $50.00 including the shell pieces...$500.00 seems awful high or incorrect...just bought the harris connector early last year.

Steve

--- In harris-radio@yahoogroups.com, "kg4ojz" <kg4ojz@...> wrote:
>
> Hello group,
> I've done previous business with William Perry, and he's rather hard
> to get in contact with sometimes, but I've always been satisfied with
> his service. Newark does list them, but at over 500$ apiece with a
> long wait time. Other companies are less, but with a huge minimum
> order. I see these listed as made by both Amphenol and Bendix.
> Guess I'll just have to continue my search, or put this end of my
> project on the back burner.
> Bob KG4OJZ (ex K1SUI)
>
>
> --- In harris-radio@yahoogroups.com, "scm325" <Highpwr@> wrote:
> >
> > I agree William Perry is a good bet< & excellent to deal
> with...Newark
> > Electronics has these type of Amphenol connectors also....the tough
> &
> > realy expensive part is the multiconductor shielded cable...very
> > expensive if you buy it new these days
> >
> > --- In harris-radio@yahoogroups.com, "kg4ojz" <kg4ojz@> wrote:
> > >
> > > Hello group,
> > > Any sources (other than Harris) for the connectors going from the
> > > RF-601 to the RF601 coupler control unit (C3698/URA-38)? These
> > > connector designations are:
> > > 10-109620-27P and 10-109620-27S.
> > > I also need 10-109628-21P and 10-=109628-21S connectors going
> from
> > > the radio to the coupler control unit.

> > > Either a source for the connectors or the cable assemblies
would
> be
> > > appreciated.
> > > Two set ups here, First is an RF-131 with RF-110, second is a
> RF2305
> > > (RF-270-05) set-up and it is shown on the pic page of the
groups
> page.
> > >
> > > Bob....KG4OJZ (ex K1SUI)
> > >
> >
>

281. Re: RF-601 (AN/URA-38) Connectors wanted

Yahoo group: harris-radio
Date: 2008-12-20 03:46:30 UTC
From: Mike
Topic: 276 Message: 281

For military M/S style connectors call Spacraft Components in Las Vegas, they will sell you one connector or a part of a connector for a very reasonable price. They can also cross reference to a less expensive series sometimes. See: http://www.spacecraft.com/

Mike

--- In harris-radio@yahoogroups.com, "scm325" <Highpwr@...> wrote:
>
> Wow, I'm surprised at the Newark price; while I never priced the
> multipin connectors for the 601(I have one) I have bought other
> multipin Amphenol connectors from Newark (The Harris RF-350 power
> power plug, I think it was the 28-20S series) and only paid about
> $50.00 including the shell pieces...$500.00 seems awful high or
> incorrect...just bought the harris connector early last year.
>
> Steve
>
> --- In harris-radio@yahoogroups.com, "kg4ojz" <kg4ojz@> wrote:
> >
> > Hello group,
> > I've done previous business with William Perry, and he's rather
> hard
> > to get in contact with sometimes, but I've always been satisfied
> with
> > his service. Newark does list them, but at over 500$ apiece with a
> > long wait time. Other companies are less, but with a huge minimum
> > order. I see these listed as made by both Amphenol and Bendix.
> > Guess I'll just have to continue my search, or put this end of my
> > project on the back burner.
> > Bob KG4OJZ (ex K1SUI)
> >
> >
> > --- In harris-radio@yahoogroups.com, "scm325" <Highpwr@> wrote:
> > >
> > > I agree William Perry is a good bet< & excellent to deal
> > with...Newark
> > > Electronics has these type of Amphenol connectors also....the
> tough
> > &
> > > realy expensive part is the multiconductor shielded cable...very
> > > expensive if you buy it new these days
> > >
> > > --- In harris-radio@yahoogroups.com, "kg4ojz" <kg4ojz@> wrote:
> > > >

> > > > Hello group,
> > > > Any sources (other than Harris) for the connectors going from
> the
> > > > RF-601 to the RF601 coupler control unit (C3698/URA-38)? These
> > > > connector designations are:
> > > > 10-109620-27P and 10-109620-27S.
> > > > I also need 10-109628-21P and 10-=109628-21S connectors going
> > from
> > > > the radio to the coupler control unit.
> > > > Either a source for the connectors or the cable assemblies
> would
> > be
> > > > appreciated.
> > > > Two set ups here, First is an RF-131 with RF-110, second is a
> > RF2305
> > > > (RF-270-05) set-up and it is shown on the pic page of the
> groups
> > page.
> > > >
> > > > Bob....KG4OJZ (ex K1SUI)
> > > >
> > >
> >
>

282. FS: Harris RF-5022(E) 125w station

Yahoo group: harris-radio
Date: 2008-12-20 03:51:33 UTC
From: Mike
Topic: 282 Message: 282

I have a nice condition RF-5022(E) with matching (E) series 125w power amplifier, dual shock mount and factory R/T to amp cables for $3200.
R/T has high speed modem option.
Mike KM6AB

283. RF-654 dimensions

Yahoo group: harris-radio
Date: 2008-12-21 00:21:11 UTC
From: Berndt Josef Wulf
Topic: 283 Message: 283

G'day,

does someone on this list know the physical dimensions of a RF-654 antenna multicoupler? I'm about to finalize the wiring of my Harris rack and need to know its space requirements.

Seasons Greetings,

73, Berndt
VK5ABN

284. RF-601A vs AN/URA38

Yahoo group: harris-radio
Date: 2008-12-27 23:21:23 UTC
From: Berndt Josef Wulf
Topic: 284 Message: 284

G'day,

what is the difference between the RF-601A and AN/URA38? They look, as far as I can tell, identical in the pictures and the descriptions for both systems mention their compatibility with the URT-23() communications system.

Does anyone have a manual with the specifications and wiring diagrams?

Seasons Greetings,

73, Berndt
VK5ABN

285. Re: [harris-radio] RF-601A vs AN/URA38

Yahoo group: harris-radio
Date: 2008-12-27 23:41:17 UTC
From: Steve Sykes
Topic: 284 Message: 285

As far as I know the AN/URA38 is the military nomenclature for the RF-601.
Steve W2SES
Berndt Josef Wulf wrote:
>
> G'day,
>
> what is the difference between the RF-601A and AN/URA38? They look, as
> far as
> I can tell, identical in the pictures and the descriptions for both
> systems
> mention their compatibility with the URT-23() communications system.
>
> Does anyone have a manual with the specifications and wiring diagrams?
>
> Seasons Greetings,
>
> 73, Berndt
> VK5ABN
>
>

286. Re: [harris-radio] RF-601A vs AN/URA38

Yahoo group: harris-radio
Date: 2008-12-28 00:39:08 UTC
From: Ronald F. Henry ITST FOT Telcom Tech.
Topic: 284 Message: 286

You are correct, Having taught them in et (A) school for years i can tell you they are one and the same.
----- Original Message -----
From: Steve Sykes
To: harris-radio@yahoogroups.com
Sent: Saturday, December 27, 2008 5:41 PM
Subject: Re: [harris-radio] RF-601A vs AN/URA38

As far as I know the AN/URA38 is the military nomenclature for the RF-601.
Steve W2SES
Berndt Josef Wulf wrote:
>
> G'day,
>
> what is the difference between the RF-601A and AN/URA38? They look, as
> far as
> I can tell, identical in the pictures and the descriptions for both
> systems
> mention their compatibility with the URT-23() communications system.
>
> Does anyone have a manual with the specifications and wiring diagrams?
>
> Seasons Greetings,
>
> 73, Berndt
> VK5ABN
>
>

--
I am using the free version of SPAMfighter.
We are a community of 5.8 million users fighting spam.
SPAMfighter has removed 506 of my spam emails to date.
Get the free SPAMfighter here: http://www.spamfighter.com/len

The Professional version does not have this message

[Non-text portions of this message have been removed]

287. Re: [harris-radio] RF-601A vs AN/URA38

Yahoo group: harris-radio
Date: 2008-12-28 02:45:11 UTC
From: Berndt Josef Wulf
Topic: 284 Message: 287

G'day Roland and Steve,

many thanks for your emails providing the answer to my question. I appreciate your help. All I need now is to find that elusive antenna tuner to complete my collection of Harris equipment.

Seasons Greetings,

73, Berndt
VK5ABN

On Sunday 28 December 2008 11:09:08 Ronald F. Henry ITST FOT Telcom Tech. wrote:
> You are correct, Having taught them in et (A) school for years i can tell
> you they are one and the same. ----- Original Message -----
> From: Steve Sykes
> To: harris-radio@yahoogroups.com
> Sent: Saturday, December 27, 2008 5:41 PM
> Subject: Re: [harris-radio] RF-601A vs AN/URA38
>
>
> As far as I know the AN/URA38 is the military nomenclature for the
> RF-601. Steve W2SES
>
> Berndt Josef Wulf wrote:
> > G'day,
> >
> > what is the difference between the RF-601A and AN/URA38? They look, as
> > far as
> > I can tell, identical in the pictures and the descriptions for both
> > systems
> > mention their compatibility with the URT-23() communications system.
> >
> > Does anyone have a manual with the specifications and wiring diagrams?
> >
> > Seasons Greetings,
> >
> > 73, Berndt
> > VK5ABN

288. New member

Yahoo group: harris-radio
Date: 2009-01-04 17:01:21 UTC
From: oz8so
Topic: 288 Message: 288

Hello folks!

Thank you for letting me in to the group.
Licensed since 1971, and mainly restoring and operating Harris equipment. This includes: RF-112, RF-110A, RF-131, RF-550, RF-590A and RF-1310. Also RF-1810 testset, RF-790 remote control and modems RF-3466A and RF-5710 is in the shack.
Looking forward to discuss "tecnicalities" with you.
73
Jens/OZ8SO

289. 590H Filters?

Yahoo group: harris-radio
Date: 2009-01-04 23:41:43 UTC
From: eugene@hertzmail.com
Topic: 289 Message: 289

Hello there. I have a 590H. In the "H" supplement, the following passage notes:

"In the standard receiver, bandwidth values displayed on the front panel are selected on the A14 Assembly with DIP switch S2. This switch is not used in the enhanced model ("H" model). Bandwidth values are fixed (not selectable) in the 590H Receiver, and are displayed for each selected demodulation modes as follows:
usb,lsb,isb - 3.2kHz
am - 6.0kHz
fm - 16.0 kHz
cw - 0.3kHz

I have always wanted to get more filter choices in this radio

I am looking to possibly purchase an IF filter board with the following filters:
-SSB bandwidth filters: 2.7 and 3.2 KHZ, CW 2.7 KHZ and 300 HZ and AM 6.8 KHZ and 16 KHZ
It has the following part numbers on it: 14304; 10151-5570; 10151-5579 A

I was told that this board has been used successfully in a 590H.

Does anyone know if this is really possible to work in an "H"? Does anyone know if in order to make this board work in an "H" does one have to use the S2 dip switches to get it to be recognized?

I guess the passage in the manual isn't clear whether it is impossible to add filters (switch S2 is somehow disabled or has no effect) or whether its just not sold that way so that switch S2 isn't used, but could be.

Anyone know?
Thanks
Eugene

290. RF-382A/CU-2397 Antenna coupler manual

Yahoo group: harris-radio
Date: 2009-01-06 18:57:15 UTC
From: Berndt Josef Wulf
Topic: 290 Message: 290

G'day,

Does anyone have or know where to find a manual for above antenna coupler? I'm particularly intersted in the control signals assignments.

cheerio Berndt

291. Re: [harris-radio] RF-382A/CU-2397 Antenna coupler manual

Yahoo group: harris-radio
Date: 2009-01-06 23:18:14 UTC
From: Steve Sykes
Topic: 290 Message: 291

The J2 pinout is:

A: Shield
A: Ground
B: /Keyline
C: /Coupler Fault
E: /Rechannel
F: /Tune Power Request
G: /Bypass
H: +28
I: +28
J: /Key disable
N: /6 dB Cutback (RF-5034PA-400E

Steve W2SES

Berndt Josef Wulf wrote:
>
> G'day,
>
> Does anyone have or know where to find a manual for above antenna
> coupler? I'm
> particularly intersted in the control signals assignments.
>
> cheerio Berndt
>
>

292. Re: [harris-radio] RF-382A/CU-2397 Antenna coupler manual

Yahoo group: harris-radio
Date: 2009-01-06 23:43:28 UTC
From: Berndt Josef Wulf
Topic: 290 Message: 292

G'day Steve,

many thanks for your email and info.

Looking at the signal description, it appears feasable to operate the antenna tuner using a homemade controller. I suspect the /6dB Cutback signal is active whilst tuning, which could be used to send a preset ALC signal to control the power of a conventional transceiver. The /Bypass signal is likely to be active when in receive mode and in particular when scanning e.g. ALE. Does this sound right?

73, Berndt
VK5ABN

On Wednesday 07 January 2009 09:48:14 Steve Sykes wrote:
> The J2 pinout is:
>
> A: Shield
> A: Ground
> B: /Keyline
> C: /Coupler Fault
> E: /Rechannel
> F: /Tune Power Request
> G: /Bypass
> H: +28
> I: +28
> J: /Key disable
> N: /6 dB Cutback (RF-5034PA-400E
>
> Steve W2SES
>
> Berndt Josef Wulf wrote:
> > G'day,
> >
> > Does anyone have or know where to find a manual for above antenna
> > coupler? I'm
> > particularly intersted in the control signals assignments.
> >
> > cheerio Berndt

293. Re: RF-382A/CU-2397 Antenna coupler manual

Yahoo group: harris-radio
Date: 2009-01-07 15:29:40 UTC
From: Mike
Topic: 290 Message: 293

Look in the files section, I just placed a diagram of a universal
interface for the RF-382 series.
Mike
--- In harris-radio@yahoogroups.com, Berndt Josef Wulf <wulf@...> wrote:
>
> G'day Steve,
>
> many thanks for your email and info.
>
> Looking at the signal description, it appears feasable to operate
the antenna
> tuner using a homemade controller. I suspect the /6dB Cutback signal is
> active whilst tuning, which could be used to send a preset ALC
signal to
> control the power of a conventional transceiver. The /Bypass signal
is likely
> to be active when in receive mode and in particular when scanning
e.g. ALE.
> Does this sound right?
>
> 73, Berndt
> VK5ABN
>
> On Wednesday 07 January 2009 09:48:14 Steve Sykes wrote:
> > The J2 pinout is:
> >
> > A: Shield
> > A: Ground
> > B: /Keyline
> > C: /Coupler Fault
> > E: /Rechannel
> > F: /Tune Power Request
> > G: /Bypass
> > H: +28
> > I: +28
> > J: /Key disable
> > N: /6 dB Cutback (RF-5034PA-400E
> >
> > Steve W2SES
> >
> > Berndt Josef Wulf wrote:
> > > G'day,
> > >
> > > Does anyone have or know where to find a manual for above antenna
> > > coupler? I'm

> > > particularly intersted in the control signals assignments.
> > >
> > > cheerio Berndt
>

294. Re: [harris-radio] Re: RF-382A/CU-2397 Antenna coupler manual

Yahoo group: harris-radio
Date: 2009-01-07 18:05:16 UTC
From: Berndt Josef Wulf
Topic: 290 Message: 294

G'day Mike,

thank you for the diagram.

cheerio Berndt

On Thursday 08 January 2009 01:59:40 Mike wrote:
> Look in the files section, I just placed a diagram of a universal
> interface for the RF-382 series.
> Mike
>
> --- In harris-radio@yahoogroups.com, Berndt Josef Wulf <wulf@...> wrote:
> > G'day Steve,
> >
> > many thanks for your email and info.
> >
> > Looking at the signal description, it appears feasable to operate
>
> the antenna
>
> > tuner using a homemade controller. I suspect the /6dB Cutback signal is
> > active whilst tuning, which could be used to send a preset ALC
>
> signal to
>
> > control the power of a conventional transceiver. The /Bypass signal
>
> is likely
>
> > to be active when in receive mode and in particular when scanning
>
> e.g. ALE.
>
> > Does this sound right?
> >
> > 73, Berndt
> > VK5ABN
> >
> > On Wednesday 07 January 2009 09:48:14 Steve Sykes wrote:
> > > The J2 pinout is:
> > >
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> > > A: Ground
> > > B: /Keyline
> > > C: /Coupler Fault
> > > E: /Rechannel

> > > F: /Tune Power Request
> > > G: /Bypass
> > > H: +28
> > > I: +28
> > > J: /Key disable
> > > N: /6 dB Cutback (RF-5034PA-400E
> > >
> > > Steve W2SES
> > >
> > > Berndt Josef Wulf wrote:
> > > > G'day,
> > > > >
> > > > > Does anyone have or know where to find a manual for above antenna
> > > > > coupler? I'm
> > > > > particularly intersted in the control signals assignments.
> > > > >
> > > > > cheerio Berndt

295. Re: RF-382A/CU-2397 Antenna coupler manual

Yahoo group: harris-radio
Date: 2009-01-08 10:16:24 UTC
From: oe5rho
Topic: 290 Message: 295

--- In harris-radio@yahoogroups.com, Berndt Josef Wulf <wulf@...> wrote:
>
> G'day Mike,
>
> thank you for the diagram.
>
> cheerio Berndt
>
> On Thursday 08 January 2009 01:59:40 Mike wrote:
> > Look in the files section, I just placed a diagram of a universal
> > interface for the RF-382 series.
> > Mike
> >
Hello all!

Berndt, if you need aditional information let me know. I have the maintenance manual and could scan a few pages for you.

Roland

296. Re: [harris-radio] Re: RF-382A/CU-2397 Antenna coupler manual

Yahoo group: harris-radio
Date: 2009-01-08 10:32:06 UTC
From: Berndt Josef Wulf
Topic: 290 Message: 296

On Thursday 08 January 2009 20:46:24 oe5rho wrote:
> --- In harris-radio@yahoogroups.com, Berndt Josef Wulf <wulf@...> wrote:
> > G'day Mike,
> >
> > thank you for the diagram.
> >
> > cheerio Berndt
> >
> > On Thursday 08 January 2009 01:59:40 Mike wrote:
> > > Look in the files section, I just placed a diagram of a universal
> > > interface for the RF-382 series.
> > > Mike
>
> Hello all!
>
> Berndt, if you need aditional information let me know. I have the
> maintenance manual and could scan a few pages for you.
>
> Roland

G'day,

I like to thank everyone for your fantastic support. I now have all the info
needed to progress from here.

cheerio Berndt

297. RF-602?

Yahoo group: harris-radio
Date: 2009-01-09 04:05:11 UTC
From: eugene@hertzmail.com
Topic: 297 Message: 297

Hi there.

Anyone know anything about the RF-602? I have one and here are some photos:

http://www.hertzmail.com/urt-23/RF-602/

It seems to be a power meter, antenna/dummyload switch and seems to have the ability to start a tune-cycle on a coupler. Inside, it has a VSWR bridge

Anyone have a pin out or manual?

Thanks!
Eugene

298. Re: FS: Harris RF-5022(E) 125w station

Yahoo group: harris-radio
Date: 2009-01-09 16:46:13 UTC
From: ab8al
Topic: 282 Message: 298

Has the station been sold? IF not would you consider making a trade for the serial card. I have the older one and could use the new one on the Mars frequencies. I can add some cash if it helps.

Terry
AB8AL
NNN0ZZO

--- In harris-radio@yahoogroups.com, "Mike" <prcradio@...> wrote:
>
> I have a nice condition RF-5022(E) with matching (E) series 125w power
> amplifier, dual shock mount and factory R/T to amp cables for $3200.
> R/T has high speed modem option.
> Mike KM6AB
>

299. Re: FS: Harris RF-5022(E) 125w station

Yahoo group: harris-radio
Date: 2009-01-09 19:50:45 UTC
From: Mike
Topic: 282 Message: 299

The station is still available for $3k shipped within the continental US. Thanks for the card trade offer but that would leave me with a radio without a working modem.
Mike
--- In harris-radio@yahoogroups.com, "ab8al" <ab8al@...> wrote:
>
> Has the station been sold? IF not would you consider making a trade
> for the serial card. I have the older one and could use the new one
> on the Mars frequencies. I can add some cash if it helps.
>
> Terry
> AB8AL
> NNN0ZZO
>
>
>
>
> --- In harris-radio@yahoogroups.com, "Mike" <prcradio@> wrote:
> >
> > I have a nice condition RF-5022(E) with matching (E) series 125w
> power
> > amplifier, dual shock mount and factory R/T to amp cables for
> $3200.
> > R/T has high speed modem option.
> > Mike KM6AB
> >
>

300. RF-110A TR relay

Yahoo group: harris-radio
Date: 2009-01-10 19:57:11 UTC
From: eugene@hertzmail.com
Topic: 300 Message: 300

Hi folks

I was wondering if anyone had an opinion about running <100W through the RX port on the RF-110A TR relay? I have a 100W transceiver that I want to share the antenna with the 110A. I figured that while the 110A is at rest (off/not keyed), and the antenna is connected to the RX port on the 110A it would eliminate one coax switch in the shack.

Any thoughts?
Thanks
Eugene W2HX

301. Re: FS: Harris RF-5022(E) 125w station

Yahoo group: harris-radio
Date: 2009-01-19 03:32:11 UTC
From: Mike
Topic: 282 Message: 301

I also have an RF-5020 with matching 125w amplifier, interconnect cables and dual shock mount that I would sell for $2,300 shipped within the US. I have seen just the 125w amplifier go for as much as $2,650 on Epay and Murphy's Surplus has just the RF-5020 exciter for $2,229 with no amplifier.
Mike

--- In harris-radio@yahoogroups.com, "Mike" <prcradio@...> wrote:
>
> The station is still available for $3k shipped within the continental
> US. Thanks for the card trade offer but that would leave me with a
> radio without a working modem.
> Mike
> --- In harris-radio@yahoogroups.com, "ab8al" <ab8al@> wrote:
> >
> > Has the station been sold? IF not would you consider making a trade
> > for the serial card. I have the older one and could use the new one
> > on the Mars frequencies. I can add some cash if it helps.
> >
> > Terry
> > AB8AL
> > NNN0ZZO
> >
> >
> >
> >
> > --- In harris-radio@yahoogroups.com, "Mike" <prcradio@> wrote:
> > >
> > > I have a nice condition RF-5022(E) with matching (E) series 125w
> > power
> > > amplifier, dual shock mount and factory R/T to amp cables for
> > $3200.
> > > R/T has high speed modem option.
> > > Mike KM6AB
> > >
> >
>

302. Harris RF-382A15

Yahoo group: harris-radio
Date: 2009-01-30 21:00:48 UTC
From: Craig Anderson Ext 1365
Topic: 302 Message: 302

If anyone is in need of a new unused Harris RF-382A15 with original manual with addendums , all cables and original acceptance tag let me know off line. I have two and this one is surplus to my needs.

Craig W9CLA

[Non-text portions of this message have been removed]

303. Re: Harris RF-382A15

Yahoo group: harris-radio
Date: 2009-01-31 01:01:24 UTC
From: vk5abc
Topic: 302 Message: 303

Hello Craig
I am interested but what does A15 mean? Can it work with the RF-350K.

73 Lee VK5ABC
--- In harris-radio@yahoogroups.com, "Craig Anderson Ext 1365"
<craig.anderson@...> wrote:
>
> If anyone is in need of a new unused Harris RF-382A15 with original
> manual with addendums , all cables and original acceptance tag let me
> know off line. I have two and this one is surplus to my needs.
>
>
>
> Craig W9CLA
>
>
>
> [Non-text portions of this message have been removed]
>

304. looking for Stack mounts RF-124

Yahoo group: harris-radio
Date: 2009-02-04 02:19:22 UTC
From: eugene@hertzmail.com
Topic: 304 Message: 304

Hi there. Looking for the stack mount sides for the RF-124. I can trade rack mount sides if you are interested.

Also potentially looking for stack mount sides for T-827(or R-1051) radio too
Thanks
Eugene

305. RF-1192A PIN Diode T/R Switch for RF-110A

Yahoo group: harris-radio
Date: 2009-02-08 16:42:12 UTC
From: oz8so
Topic: 305 Message: 305

Hi there...

Does anyone have information (like Schematics) for above T/R switch to replace the Coax Relay in RF-110A?

Jens/OZ8SO

306. Harris RF-5000 Operation manual

Yahoo group: harris-radio
Date: 2009-02-20 16:15:45 UTC
From: Ho
Topic: 306 Message: 306

Hello everybody
Do you have the Harris RF-5000 Falcon radio's operation manual?
Thanks!
CKH

316. Re: RF-3200 Display damaged

Yahoo group: harris-radio
Date: 2009-02-22 02:15:35 UTC
From: fire22pa
Topic: 226 Message: 316

--- In harris-radio@yahoogroups.com, "fire22pa" <fire22pa@...> wrote:
>
> Display damaged looking to possible replace the display on my RF-3200
> that has received some damage the display is not totally out but it is
> difficult to read a portion of the freq. area of the display it must
> have got bumped
>
>
> 73's paul
>

Rodger the display has a segment missing majority of the second digit
upper part like i said in my earlier message not totally out but
getting hard to read are the displays available yet for these radios.

321. Re: FS: Harris RF-5022(E) 125w station

Yahoo group: harris-radio
Date: 2009-02-23 00:55:11 UTC
From: Mike
Topic: 282 Message: 321

Ok, instead of an RF-5022(E), how bout a Harris RF-5020 R/T with high speed modem, 125w amp, shock mount and interconnect cables for $2,400 shipped within CONUS?
Mike
--- In harris-radio@yahoogroups.com, "Mike" <prcradio@...> wrote:
>
> The station is still available for $3k shipped within the continental
> US. Thanks for the card trade offer but that would leave me with a
> radio without a working modem.
> Mike
> --- In harris-radio@yahoogroups.com, "ab8al" <ab8al@> wrote:
> >
> > Has the station been sold? IF not would you consider making a trade
> > for the serial card. I have the older one and could use the new one
> > on the Mars frequencies. I can add some cash if it helps.
> >
> > Terry
> > AB8AL
> > NNN0ZZO
> >
> >
> >
> >
> > --- In harris-radio@yahoogroups.com, "Mike" <prcradio@> wrote:
> > >
> > > I have a nice condition RF-5022(E) with matching (E) series 125w
> > power
> > > amplifier, dual shock mount and factory R/T to amp cables for
> > $3200.
> > > R/T has high speed modem option.
> > > Mike KM6AB
> > >
> >
>

336. Re: [harris-radio] Re: Different between Harris RF-5000 and RF-5022

Yahoo group: harris-radio
Date: 2009-02-23 22:09:50 UTC
From: Rick Szajkowski
Topic: 336 Message: 336

TOPIC KILLED !!!

NO MORE POSTS !!!

END OF SUBJECT !

List owner

[Non-text portions of this message have been removed]

337. [FS] Harris RF350K, RF355, RF352

Yahoo group: harris-radio
Date: 2009-02-28 22:47:01 UTC
From: doug.w7kf
Topic: 337 Message: 337

Hello,

I've just posted a file in the Files area called "HarrisForSale.pdf"
with a description of some Harris gear I am going to sell.

In short, I'm selling as a complete set the following:

Harris RF350K 100 watt transceiver
Harris RF355 500 Linear Power Amplifier
Harris RF352 Remote Control Unit

Please see the PDF file for pictures and more details. This gear is
available only in the USA and especially in the Pacific Northwest.

Thanks and 73,
-Doug, W7KF

338. New Member w/Some Questions

Yahoo group: harris-radio
Date: 2009-03-01 01:51:48 UTC
From: Brooke Clarke
Topic: 338 Message: 338

Hi:

I have one of the suitcase HF radios, RF3200ET, see:
http://www.prc68.com/I/RF3200ET.shtml
looking for half of the RF-1940 Portable Long Wire/Dipole Antenna and/or the accessory bag and it's contents. Can the RF3200ET be used on ALE with the antenna coupler, or is a matched antenna required?

I'm interested in the PRC-138 for a couple of reasons.
I replaced the URC-113 (PRC-104 & RF Amp) in the upper right corner of the GRC-206, see:
http://www.prc68.com/I/MT6250.shtml
so I'm looking for any information about the PRC-138, RF Amp and mount.

Also I'm trying to understand the remote control protocol for the PRC-138.
My file PROTOCOL.TXT is corrupted and looking for a readable version. I think the RF-5000 and PRC-138 remote commands are very close, but expect that all Harris radios use a common control protocol, is that the case?
Will the Power Amp/Antenna Coupler work on ALE or is a matched antenna required?

What Harris remotes will control the PRC-138 with an RF Power Amp?

--
Have Fun,

Brooke Clarke, N6GCE
http://www.prc68.com

339. Re: New Member w/Some Questions

Yahoo group: harris-radio
Date: 2009-03-01 03:50:35 UTC
From: Mike
Topic: 338 Message: 339

Brooke,
The Harris RF-5033PA, 150W docking amp is one of the hardest to find accessories for a PRC-138. I've heard of maybe 5 or 6 in the collector community.

The PRC-138 with RF-5033PA or any of the RF-5000 series amps and an RF-382 coupler works fine for ALE.

The PRC-138 and RF-5000 series all share the same protocol and will work with the Harris "Falcom" and similar programs.

I am not aware of any remote control for the PRC-138 except for a handset used with a matching telephone interconnect.

Mike

340. Re: [harris-radio] Harris RF-382A15

Yahoo group: harris-radio
Date: 2009-03-05 13:41:41 UTC
From: Berndt Josef Wulf
Topic: 302 Message: 340

On Saturday 31 January 2009 07:30:48 Craig Anderson Ext 1365 wrote:
> If anyone is in need of a new unused Harris RF-382A15 with original
> manual with addendums , all cables and original acceptance tag let me
> know off line. I have two and this one is surplus to my needs.
>
>
>
> Craig W9CLA
>
>
>
> [Non-text portions of this message have been removed]

G'day,

I'm interested and how much do you want for it?

73, Berndt
VK5ABN

341. Re: Harris RF-382A15

Yahoo group: harris-radio
Date: 2009-03-09 12:01:08 UTC
From: w9cla
Topic: 302 Message: 341

I
--- In harris-radio@yahoogroups.com, Berndt Josef Wulf <wulf@...> wrote:
>
> On Saturday 31 January 2009 07:30:48 Craig Anderson Ext 1365 wrote:
> > If anyone is in need of a new unused Harris RF-382A15 with original
> > manual with addendums , all cables and original acceptance tag let me
> > know off line. I have two and this one is surplus to my needs.
> >
> >
> >
> > Craig W9CLA
> >
> >
> >
> > [Non-text portions of this message have been removed]
>
> G'day,
>
> I'm interested and how much do you want for it?
>
> 73, Berndt
> VK5ABN
>

It was sold.

342. R2368(V1)/URR vs R2368(V2)/URR

Yahoo group: harris-radio
Date: 2009-03-12 12:45:40 UTC
From: Berndt Josef Wulf
Topic: 342 Message: 342

G'day,

can someone explain to me the differences between these two receivers? As far as I can tell, they are identical including the firmware, except for the fact that my V1 receivers sport a FSK modem and modes whereas the V2 doesn't.

73, Berndt
VK5ABN

343. Harris R-2368/URR memory backup battery

Yahoo group: harris-radio
Date: 2009-03-12 23:51:10 UTC
From: Berndt Josef Wulf
Topic: 343 Message: 343

G'day,

what is a good replacement for the memory backup battery inside the R-2368, is suppose the RF-590(A) use the same?

The ones currently installed inside my receivers are "Golden Top" batteries. They still look fine but thought to replacing them know before as a preventative measure before the start leaking.

Many thanks in advance

73, Berndt
VK5ABN

344. Harris RF-601A/CU coupler

Yahoo group: harris-radio
Date: 2009-03-29 19:50:40 UTC
From: arclight_arclight
Topic: 344 Message: 344

All: I acquired a Harris RF-601A/CU coupler with the RF-625 long-wire assembly. No controls, however! I'm interested in obtaining a manual, so I can see what I'm getting into trying to build controls for the tuner (may be an exercise in masochism!). I see that Fair has the manual for $30. Any other sources? Is the Fair manual complete (covering both the coupler and the controller)?

Thanks,
Dave WB4FUR

345. indicator lights for harris gear

Yahoo group: harris-radio
Date: 2009-04-07 00:36:15 UTC
From: W2HX
Topic: 345 Message: 345

Hi All,

I found a cheap source of the lamps for the R-1051D, T-827D, RF-110A, RF-601A control unit, RF-602, RF-127-02 coupler etc.

These are lamps with designation #387. They are plentiful on the internet, but I found an inexpensive source on ebay for them.

These are the lamps used as inserts into the colored dome on all of the lights on the RF-127 and the lights in the 601A control head as well as the 110A overload light and tune light (if your 110A has that)! So I stocked up for the future!

Ebay item# 140289864718 sellerID: dean620

No connection to the seller.

W2hx

346. Re: [harris-radio] indicator lights for harris gear

Yahoo group: harris-radio
Date: 2009-04-07 00:50:55 UTC
From: Bruce Lane
Topic: 345 Message: 346

At the risk of speaking words of blasphemy, would it not be simpler (and
far longer lived) to simply replace the bulbs with LEDs, or their based
LED equivalents, as the original bulbs burn out?

Happy tweaking.

********** REPLY SEPARATOR **********

On 06-Apr-09 at 20:36 W2HX wrote:

>Hi All,
>
>I found a cheap source of the lamps for the R-1051D, T-827D, RF-110A,
>RF-601A control unit, RF-602, RF-127-02 coupler etc.
>
>These are lamps with designation #387. They are plentiful on the
internet,
>but I found an inexpensive source on ebay for them.
>
>These are the lamps used as inserts into the colored dome on all of the
>lights on the RF-127 and the lights in the 601A control head as well as
the
>110A overload light and tune light (if your 110A has that)! So I stocked
up
>for the future!
>
>Ebay item# 140289864718 sellerID: dean620
>
>No connection to the seller.
>
>W2hx
>
>
>
>
>
>
>_____ Information from ESET Smart Security, version of virus
>signature database 3990 (20090406) _____
>
>The message was checked by ESET Smart Security.
>
>http://www.eset.com

347. RE: [harris-radio] indicator lights for harris gear

Yahoo group: harris-radio
Date: 2009-04-07 01:00:30 UTC
From: W2HX
Topic: 345 Message: 347

I looked into that. The #387 has a rated life of 20,000 hours and cost about 40 cents apiece. The LED versions I could not find for less than $8 apiece. The math just didn't work for me. I bought 20 lamps for the price of one LED and they'll last my lifetime.

Good idea though!

Eugene

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Bruce Lane
Sent: Monday, April 06, 2009 8:51 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] indicator lights for harris gear

At the risk of speaking words of blasphemy, would it not be simpler (and far longer lived) to simply replace the bulbs with LEDs, or their based LED equivalents, as the original bulbs burn out?

Happy tweaking.

********** REPLY SEPARATOR **********

On 06-Apr-09 at 20:36 W2HX wrote:

>Hi All,
>
>I found a cheap source of the lamps for the R-1051D, T-827D, RF-110A,
>RF-601A control unit, RF-602, RF-127-02 coupler etc.
>
>These are lamps with designation #387. They are plentiful on the internet,
>but I found an inexpensive source on ebay for them.
>
>These are the lamps used as inserts into the colored dome on all of the
>lights on the RF-127 and the lights in the 601A control head as well as the
>110A overload light and tune light (if your 110A has that)! So I stocked up
>for the future!
>
>Ebay item# 140289864718 sellerID: dean620
>
>No connection to the seller.
>

>W2hx
>
>
>
>
>
>
>_____ Information from ESET Smart Security, version of virus
>signature database 3990 (20090406) _____
>
>The message was checked by ESET Smart Security.
>
>http://www.eset. <http://www.eset.com> com

[Non-text portions of this message have been removed]

348. Re: indicator lights for harris gear

Yahoo group: harris-radio
Date: 2009-04-07 06:56:19 UTC
From: kg4ojz
Topic: 345 Message: 348

Those lamps are pretty comon, They are used in broadcast applications allot along with 327's....Same socket, different voltage if i recall.

--- In harris-radio@yahoogroups.com, "W2HX" <w2hx@...> wrote:
>
> I looked into that. The #387 has a rated life of 20,000 hours and cost about
> 40 cents apiece. The LED versions I could not find for less than $8 apiece.
> The math just didn't work for me. I bought 20 lamps for the price of one LED
> and they'll last my lifetime.
>
>
>
> Good idea though!
>
> Eugene
>
>
>
> _____
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Bruce Lane
> Sent: Monday, April 06, 2009 8:51 PM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] indicator lights for harris gear
>
>
>
> At the risk of speaking words of blasphemy, would it not be simpler (and
> far longer lived) to simply replace the bulbs with LEDs, or their based
> LED equivalents, as the original bulbs burn out?
>
> Happy tweaking.
>
> ********** REPLY SEPARATOR **********
>
> On 06-Apr-09 at 20:36 W2HX wrote:
>
> >Hi All,
> >
> >I found a cheap source of the lamps for the R-1051D, T-827D, RF-110A,
> >RF-601A control unit, RF-602, RF-127-02 coupler etc.
> >
> >These are lamps with designation #387. They are plentiful on the
> internet,

> >but I found an inexpensive source on ebay for them.
> >
> >These are the lamps used as inserts into the colored dome on all of the
> >lights on the RF-127 and the lights in the 601A control head as well as
> the
> >110A overload light and tune light (if your 110A has that)! So I stocked
> up
> >for the future!
> >
> >Ebay item# 140289864718 sellerID: dean620
> >
> >No connection to the seller.
> >
> >W2hx
> >
> >
> >
> >
> >
> >
> >_____ Information from ESET Smart Security, version of virus
> >signature database 3990 (20090406) _____
> >
> >The message was checked by ESET Smart Security.
> >
> >http://www.eset. <http://www.eset.com> com
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

349. RF-130/1310 Manual Sought

Yahoo group: harris-radio
Date: 2009-04-10 01:33:52 UTC
From: W2HX
Topic: 349 Message: 349

Hi there. I have an RF-110A with RF-1310 exciter. I have been working to adjust power/apc/ppc with limited success. I do have the following manual that I have been using:

Publication Number: 10121-0022 July 1985 "Instruction Manual" This is specific to the RF-130 with the 1310, however this is a rather brief manual.

In this manual, Section 5 is "Summarized Maintenance Information" I am hoping to find a manual with much more detailed information. Perhaps "Detailed Maintenance Information" hihi!

The manuals on BAMA are not specific to any exciter so they gloss over these adjustments.

Anyone have such a manual? I will buy either paper or electronic (prefer paper if I had to choose)

Please contact me directly to avoid cross posting (punishable by death or worse-list banishment!)

Thanks
Eugene W2HX

350. RF-110A idle plate current?

Yahoo group: harris-radio
Date: 2009-04-12 03:36:15 UTC
From: W2HX
Topic: 350 Message: 350

Hi there.
Can anyone confirm for me that the RF-110A with NO rf input and NO key that the plate currents of V1 and V2 should be 0ma? I seem to have about 100ma with no key and no rf input.

I was told that for a 4cx1500B running AB that there should be some plate current (generally speaking, not specifically about the RF-110A), but my manual (URT-23) says 0 ma.

Anyone confirm? I would like to know both voice mode what it is and also cw
Thanks in advance
Eugene w2hx

351. SV: [harris-radio] RF-110A idle plate current?

Yahoo group: harris-radio
Date: 2009-04-12 11:20:49 UTC
From: Flemming Johansen
Topic: 350 Message: 351

Hi Eugene

No current should run in no key situation, normal current when keyed is 230 ma In Usb-Lsb-Am, some Rf 110 have a Cw information line, who set Cw bias different, normal to zero.

You have probably an error I the keying circuit on A5-A6 board, cant remember on witch board the keying transistor is placed, cat get my books, is on the roof, an I has just broken my left leg ;o(.

73 from

OZ1EGQ in Denmark

Fra: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] På vegne af W2HX
Sendt: 12. april 2009 05:36
Til: harris@...; harris-radio@yahoogroups.com
Emne: [harris-radio] RF-110A idle plate current?

Hi there.
Can anyone confirm for me that the RF-110A with NO rf input and NO key that the plate currents of V1 and V2 should be 0ma? I seem to have about 100ma with no key and no rf input.

I was told that for a 4cx1500B running AB that there should be some plate current (generally speaking, not specifically about the RF-110A), but my manual (URT-23) says 0 ma.

Anyone confirm? I would like to know both voice mode what it is and also cw
Thanks in advance
Eugene w2hx

[Non-text portions of this message have been removed]

352. RE: [Boatanchors] general PA question

Yahoo group: harris-radio
Date: 2009-04-12 23:32:05 UTC
From: W2HX
Topic: 352 Message: 352

James, Sandy, lists et. Al,

Yes, there are many operating parameters and its not fair for me to ask such questions with such limited information :) Tonight I began to more clearly and procedurally to get the issues outlined.

But tonight it seems the amp is behaving somewhat better! (the car never has the problem when you bring it into the dealership!)

So let me do some more experimentation so that I can get to the bottom of the symptoms I am having.

Thanks everyone!
Eugene

-----Original Message-----
From: James M. Walker [mailto:chejmw@...]
Sent: Sunday, April 12, 2009 6:34 PM
To: Sandy; Eugene Hertz; boatanchors@...
Subject: Re: [Boatanchors] general PA question

Ah,
Actually the class of operation is set per the manual for a set of parameters, called out in the manual. The discription I have read so far, has left out a lot of info on what the drive to the unit is, the RF-110 is class "B" in the amplifier stage, class A in the driver stage. If the input is "normal" and going into the driver of the unit, it is 100 milliwatts, which is amplified by the 8122s.
the 8122s provide the necessary power level to drive the 1500s to full output on all bands.

It is Not an SB-220 type amplifier, if you really want help with getting the amplifier operational, please describe the parameters of the setup that seems to be giving you trouble.

It may turn out that "you can't fix, what isn't broken".

What kind of drive are you putting into the thing.
Are you using a full RF-110 system, is the amp terminated into a Hi-power 50 ohm load. What is the operating mode, that seems to be giving you problems.

As for the complexity of the unit, that complexity is the reason there were Field installations Engineers who set them up for customers. There were Field service Engineers who went out to diagnose and repair any problems on "site", and repair/refurbish

engineering staff to repair the ones that had been abused by
customers that didn't want to read the manuals, for the systems
AS installed!

"Input, need more Input"
Jim
WB2FCN

"Preconceptions are our BIGGEST problem"
1st Sgt. McGill, when we were dropped into a hot "LZ"!

----- Original Message -----
From: "Sandy" <ebjr37@...>
To: <w2hx@...>; "'James M. Walker'" <chejmw@...>;
<boatanchors@...>
Sent: Sunday, April 12, 2009 4:58 PM
Subject: Re: [Boatanchors] general PA question

>I really don't recall what the idling current of the RF-110 amplifier is.
>Been too many years since I worked on one. There were too many other
>troubles which "clouded" the memory! I do know the ones I dealt with were
>very troublesome and were also very difficult to actually work on.
>
> Mackay built a transmitter that used a pair of (or was it a single) 8122
> tube. One of these entirely autotuning things. It too was very difficult
> to troubleshoot and also work on. Can't remember the nomenclature. It
> ran around 400 watts PEP out on SSB.
>
> ALL the "entirely automatic" tuning transmitters I have dealt with were in
> one way or another a "real bear" to deal with. Some operated fairly well,
> others were always doing something strange or unpredictable. They had
> automatic antenna tuners that were sometimes positioned a ways away from
> the actual transmitter which compounded the troubleshooting problem. A
> lot of the gear that as coming online when I retired in the mid-90's that
> was meant for a "non radio operator" to use fell into this "problem child"
> category. One has a tendency to loathe remembering some of these
> encounters and forget just how much agony you had trying to revive one
> when it was dead.
>
> Does your RF-110 have a cooling blower that sounds not unlike a loud siren
> on an EMT vehicle? I'm glad I don't have those to deal with any longer,
> as they can cause a lot of "hair pulling" and angst!
>
> I do wish you "good luck" with it. Hopefully you won't run into any of
> the bad problems I have seen with them!
>
> A lot of the GMDSS Maritime radio gear comes with what is (or at least
> was) called "CAT" features. (Computer Assisted Troubleshooting) This is
> allegedly supposed to eliminate the service technician and actually tell
> you which module is bad and cure a problem! All the ones I have seen WILL
> assist you sometimes in finding a blown fuse, but not determine which part

> is causing the problem or fault! That, for the most part, must still be
> done by an experienced human service engineer!
>
> 73,
>
> Sandy W5TVW
>
> ----- Original Message -----
> From: "W2HX" <w2hx@...>
> To: "'James M. Walker'" <chejmw@...>;
> <boatanchors@...>
> Sent: Saturday, April 11, 2009 10:09 PM
> Subject: Re: [Boatanchors] general PA question
>
>
>> Give that man a cigar! Yes, this is a harris RF-110A. I have the manual,
>> apc and ppc cannot be set according to the procedure. Basically the steps
>> to
>> set these do not give the prescribed results. This is what started me
>> down
>> the road to figuring out what is wrong with this amp. This along with the
>> other problems:
>>
>> The unit runs in AB1 for voice and class B for CW and RTTY/RATT. So why
>> are
>> the finals designed for 0ma in idle?
>>
>> a) 100ma plate current when idle (manual says 0ma even in AB1). According
>> to
>> the manual the unit is keyed on and off through the bias levels applied
>> to
>> the 4 tubes. The keying circuit switches the bias voltage for the driver
>> and
>> final amplifier tubes from cut-off to operate. Is it possible that 0ma
>> for
>> plate current is consistent with cutoff?
>>
>> b) plate current exceeding specification. >800ma when spec says no more
>> than
>> 750ma. Could I have parasitic oscillations?
>>
>> c) overload condition on 80 meters (using a dummy load). Overload circuit
>> trips for a bad condition on either the plate voltage, cathode current or
>> SWR. This is not SWR related (I checked that) but could be excessive
>> instantaneous plate current that can't be see on the meter (shuts down
>> very
>> quickly)
>>
>> I will send a note to the harris lists about this as well. But it seems
>> most

>> folks agree that there should be some plate current when not keyed in a
>> normal operation of a 4cx1500B. Seems harris had other ideas.
>>
>> Other operating parameters.
>> Amp keyed, no rf input, the plate current should be 240ma-280ma.
>>
>> Ok, it sounds like either
>> a) bias is off
>> b) tubes are causing grid current to flow which is affecting bias
>>
>> I'll keep digging. Thanks everyone
>> Eugene W2HX
>>
>> -----Original Message-----
>> From: boatanchors-bounces@...
>> [mailto:boatanchors-bounces@...] On Behalf Of James M. Walker
>> Sent: Saturday, April 11, 2009 2:47 PM
>> To: boatanchors@...
>> Subject: Re: [Boatanchors] general PA question
>>
>> Sounds like you are running a Harris RF-110 PA.
>> If so you will need the manual for the Amp to check the
>> APC and PPC control settings.
>> Jim
>> WB2FCN
>> "Yep I got one of those"
>>
>> ----- Original Message -----
>> From: "john" <johnmb@...>
>> To: <boatanchors@...>
>> Sent: Saturday, April 11, 2009 12:26 PM
>> Subject: [Boatanchors] general PA question
>>
>>
>>> >The unit runs 2 4cx1500B's in parallel driven by 2 8122's in parallel.
>>> >YWhen keyed at 1KW output, I get a little 750-800ma plate current.
>>>
>>>
>>>
>>> You ought to be able to get about that just out of the 8122's
>>> themselves.
>>>
>>> John K5MO
>>>
>>> _____
>>> Boatanchors mailing list
>>> Home: http://mailman.qth.net/mailman/listinfo/boatanchors
>>> Help: http://mailman.qth.net/mmfaq.htm
>>> Post: mailto:Boatanchors@...
>>>

>>> This list hosted by: http://www.qsl.net
>>> Please help support this email list: http://www.qsl.net/donate.html
>>>
>>>
>>>
>>
>> _____
>> Boatanchors mailing list
>> Home: http://mailman.qth.net/mailman/listinfo/boatanchors
>> Help: http://mailman.qth.net/mmfaq.htm
>> Post: mailto:Boatanchors@...
>>
>> This list hosted by: http://www.qsl.net
>> Please help support this email list: http://www.qsl.net/donate.html
>>
>>
>> _____
>> Boatanchors mailing list
>> Home: http://mailman.qth.net/mailman/listinfo/boatanchors
>> Help: http://mailman.qth.net/mmfaq.htm
>> Post: mailto:Boatanchors@...
>>
>> This list hosted by: http://www.qsl.net
>> Please help support this email list: http://www.qsl.net/donate.html
>
>
>

>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.287 / Virus Database: 270.11.54/2055 - Release Date: 04/12/09
> 13:14:00
>
>
>

353. RF-110A problems

Yahoo group: harris-radio
Date: 2009-04-13 02:29:41 UTC
From: W2HX
Topic: 353 Message: 353

Hello again (sorry for the long email, but I wanted to describe the issues as well as I could. Sit back, get a cup of coffee--with lots of caffeine!),

So I decided to be a little more deliberate and careful in testing and making measurement to see what's what in an effort to try to isolate my problem(s).

I've had this 110A for several years and I have been working on it on and off for that time. Several problems have already been solved.

I am using a 1310 to drive the amp. I spent some time going over it. It is all wired correctly and the 1310 is generally working well. All rf levels have been adjusted to be correct throughout the signal chain.

I spent considerable time *trying* to get APC/PPC adjustments made. I did this both with the 1310 as well as much time with an T-827D. The results were very similar! However, I was never happy with the results.

I always had problems with RF output power sagging a few hundred watts over 30 seconds or so (200-300W change),etc. Always had trouble getting the 4.5 vdc APC levels to stay put, they also seemed to sag which made adjustments hard. But overall I felt it was good enough to give it a try on the air.

I was to the point where I was ready to get off the dummy load and onto an antenna. To do this, I obtained an RF-127-02 indoor antenna coupler (I also have the RF-601A AN/URA-38 but haven't had the nerve to try to get that working). If anyone has questions about the RF-127, I have figured much out about it and would be happy to answer questions as I can.

I discovered several strange behaviors while working to get the antenna coupler operational. The first to clue me into a problem was when I was trying to tune up 80 meters. I was able to get the tuner to give a very low < 1.5 SWR no problem. But I noticed that as I increased output power from 100W up through 1000W, the overload protection circuit would trigger at about 500W every time, very consistent.

I knew SWR wasn't the problem. So that left me with PS temperature (unlikely to be the problem), cathode current or plate voltage. So I began to look into the operating parameters of the finals. This is where I saw something very strange (to me).

When I first turn the HV on (operate). Plate current for both V1 and V2 is 0 ma (key up), but after a few minutes (or perhaps some key down activity) I noticed that with ZERO RF input, and the key UP that the plates were drawing about 100ma! (in CW class B mode - I haven't tried phone modes class AB1) I don't know when this began occurring - it could have been very recently or it could have been a while ago and I never noticed it.

I should mention that the idle current (key down, no RF drive) I have gotten between 240-280ma and the two tubes are within 40ma of each other (having set the screen voltages independently) as the manual dictates. I believe this is all set up correctly. And while I do not know the actual grid bias voltage, the manual suggests that if I can get the idle to 240-280ma then my bias is set correctly. I do plan to try to measure the grid dc bias without killing myself hihi!

So tonight I did some more controlled experiments. I used a stable RF generator to generate the RF input. I ran the amp into my dummy load. I did use the 1310 only to set the band on the amp (yes I know I can do it manually). I also disabled APC and PPC on the amp by turning 2R11 and 2R12 fully CW (as per manual). The idea here was to eliminate APC/PPC as contributors to the problems.

Now, a few small observations. First, power was MUCH more steady key down. However it varied greatly by band. Between bands, the power range was probably 400W - 1500W with the same drive. Given that this is about 6dB I think that a *working* APC/PPC system should be able to compensate in that range so I wasn't concerned.

Second observation was that on 80 meters into the DL, I could not create any overload condition. So here, my first thought was that I may have had parasitic oscillations using the tuner and antenna causing excessive final tube conditions and hence the overload. I then also worried that perhaps these oscillations, brief as they might have been could have damaged the tubes which now is causing my 100ma phantom plate current on _both_ tubes (the overload triggered so fast, I couldn't see any bad measurements on the meters in all positions)

Back to the 100ma issue. I also noticed that by turning off the HV (standby) that the plate currents would drop to zero. As soon as I turned the HV on again, both V1 and V2 would pop back up to 100ma (again, this is with no drive, key up).

Here's something else I noticed. If I change the power output level selector from 1000W to 100W, this 100ma "phantom" current goes to zero (or nearly zero). As soon as I change the output power level selector back to 1000W the current goes back to 100ma with the key up! (My 110A lets me select max output power in these ranges -with vernier to reduce it - 1000W, 100W, 10W, 1W, 0.1W, 0.01W (yes, 10 milliwatts out of the power amp!)

Recall that in a previous paragraph I noted that the power output was much more stable. This is true. However I did notice a very slight sag. Perhaps only 50-75W over 30 seconds. A very slow but very well behaved sag. I was able to notice that this sag corresponded exactly to a similar sag in plate current (this is with full power). Plate current seemed to sag about 40ma. Key and Key down and the same pattern would occur.

Now granted, I don't really know how stiff my AC mains power is. Is it possible that a small sag in input voltage (240) could cause this? I mention this in case it could be somehow indicative of a tube problem not a mains problem.

So, I've heard from some of you regarding my issues from previous emails. It seems there could be two possible explanations of this 100ma current when the tubes should be biased to cutoff.

1. There is a problem with one or more tubes. It has been explained to me (thank you Jens and friend) that if the tube causes grid current to flow, it will become less negative and change the bias away from cut off. This is a promising (but expensive) theory. The question I have is -- what is the likelihood that both tubes would exhibit this same malfunction? The plate current of both tubes show this. Is it possible that a parasitic oscillation caused by an attempt to tune up on 80 meters with a tuner and antenna could have damaged both tubes? Somehow I am less inclined to think this because the overload protection circuitry is meant to avoid tube damage.

2. There is a problem in the keying circuitry. According to the manual(s) the keying circuit is responsible for biasing the tubes to cutoff. According to my URT-23 manual, this cutoff grid voltage is supposed to be -120Vdc. (Also according to this manual the biases are class AB1 - adjustable between -63 to -36, class B= -63.) So, is it possible that a problem in the keying circuit is allowing this -120V to drift up? This could very well explain why this is happening to both tubes. I should also mention that I've fixed other problems in they keying circuitry before, Q8 on A5 board. So I wonder if there could still be a problem - or most likely a new problem since I don't believe this 100ma problem really existed and I never noticed it.

Ok, so that's quite enough. Can anyone suggest the best place to measure the cutoff voltage (grid voltage) safely?

Anyone have any thoughts on this long-winded tale of woe?

Many thanks for the bandwidth

Eugene w2hx

354. WTB: RT-1446 Rackmount Ears

Yahoo group: harris-radio
Date: 2009-04-21 11:39:06 UTC
From: W2HX
Topic: 354 Message: 354

Hi there. Looking for a pair of rackmount ears for the RT-1446 (RF350K) for my friend.

Please quote price

Thanks

Eugene W2HX

[Non-text portions of this message have been removed]

355. Help with RF-1110A module connections

Yahoo group: harris-radio
Date: 2009-04-24 06:38:08 UTC
From: garychenhall
Topic: 355 Message: 355

Hi everyone,
Can someone help me with the pinout wiring desriptions for the RF-1110A driver and power amplifier modules. These are D series combination connectors. Ide like to build a test jig to characterise these modules. Better to be in the know then take a chance. Thanks Gary , VK2BLC

356. RF-550 info

Yahoo group: harris-radio
Date: 2009-04-27 11:20:47 UTC
From: Marcus, PY2PLL-PY3CRX
Topic: 356 Message: 356

Hi:

I'm restoring a RF550, have some diagrams copies but the manual where it cames from covers the RF-550 which was originally equiped with 6 BCD thumbwell switches.

Unfortunatelly the unit I'm restoring have a frequency programming card instead, activated via front pannel with 6 up/down switches.

This (big) card is assembled parallel to the front pannel, have a lot of standard CMOS gates, some opamps and a memory chip. Of course its function is simply generate 6 x BCD codes to set 550 received frequency in 100Hz step.

For now I'm controlling the receiver using a 6 X BCD thumbweel I "stole" from my Mackay Marine EB3026 for some time, wired to remote back pannel connector. But I want to repair the 550 control card of course.

Does anyone can share a scanned copy of such diagram (electrical + components placing)?

Any help is apreciated.

Regards;
Marcus Ramos
PY3CRX/PY2PLL
São Bernardo do Campo - SP
Brazil
http://py.qsl.br

No virus found in this outgoing message.
Checked by AVG - www.avg.com
Version: 8.5.287 / Virus Database: 270.12.4/2081 - Release Date: 04/26/09 09:44:00

[Non-text portions of this message have been removed]

357. Harris RF-3200E logic board

Yahoo group: harris-radio
Date: 2009-05-01 00:04:12 UTC
From: arclight_arclight
Topic: 357 Message: 357

All: I'm trying to troubleshoot a Harris RF-3200E logic board. Watchdog timer isn't being reset. There's 1/2 rate clock on TP11, so the processor appears to be alive. 5V bus seems OK. Suggestions? Is there a detailed service procedure for the board? Any spares out there?

Thanks,
Dave Maples AFA3WZ

358. RF-3200E passwords

Yahoo group: harris-radio
Date: 2009-05-01 00:56:39 UTC
From: arclight_arclight
Topic: 358 Message: 358

All: Stuff appears to be corrupted now in the logic board memory(although by reseating the non-volatile RAM, the ROM, and the processor just a bit, the radio came up and started working, so zeroizing the radio might turn the trick). Neither of the recorded passwords work, though. How can I figure out what the passwords have changed to?

Thanks,
Dave Maples AFA3WZ

359. Re: [harris-radio] RF-3200E passwords

Yahoo group: harris-radio
Date: 2009-05-01 08:53:31 UTC
From: Steve Sykes
Topic: 358 Message: 359

Try 427748
arclight_arclight wrote:
>
>
> All: Stuff appears to be corrupted now in the logic board
> memory(although by reseating the non-volatile RAM, the ROM, and the
> processor just a bit, the radio came up and started working, so
> zeroizing the radio might turn the trick). Neither of the recorded
> passwords work, though. How can I figure out what the passwords have
> changed to?
>
> Thanks,
> Dave Maples AFA3WZ
>
>

360. RE: [harris-radio] RF-3200E passwords

Yahoo group: harris-radio
Date: 2009-05-02 12:56:10 UTC
From: Roger Waldmiller
Topic: 358 Message: 360

Good Morning Dave:
Past service on the E logic bds 10212-1270 with strange functions, or non functions was the U6 sram Dallas . It has a built in batt and data can be contaminated . I suggest you first replace this U6 with a new SRAM . There is a date code on each , the 1st 2 numbers on the left side (beginning) are the year. Doing so will default all your config settings and the 0-120 program channels . It will also default the electronic serial number to 1. The electronic serial number is available when you push the INFO button. The level 2 security password will then be 427748 .

Bds are available from Harris Product service if they are still supporting the units , cost is very high, but product service cannot sell parts , so you would have to send in a suspected bad bd and if it is , replaced , a retested/ new bd exchanged, at great cost . They have no one to work on the 3200 line units.

k4alphapapa
Roger waldrgrmllr@...
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of arclight_arclight
Sent: Thursday, April 30, 2009 8:57 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-3200E passwords

All: Stuff appears to be corrupted now in the logic board memory(although by reseating the non-volatile RAM, the ROM, and the processor just a bit, the radio came up and started working, so zeroizing the radio might turn the trick). Neither of the recorded passwords work, though. How can I figure out what the passwords have changed to?

Thanks,
Dave Maples AFA3WZ

[Non-text portions of this message have been removed]

361. Re: RF-3200E passwords

Yahoo group: harris-radio
Date: 2009-05-02 15:11:38 UTC
From: arclight_arclight
Topic: 358 Message: 361

Roger: Thanks very much for the help! The chip is relatively cheap (about $9). Do you know what the RS232 test port connected to the microprocessor is for?

--- In harris-radio@yahoogroups.com, "Roger Waldmiller" <waldrgrmllr@...> wrote:
>
> Good Morning Dave:
> Past service on the E logic bds 10212-1270 with strange functions, or non
> functions was the U6 sram Dallas . It has a built in batt and data can be
> contaminated . I suggest you first replace this U6 with a new SRAM . There
> is a date code on each , the 1st 2 numbers on the left side (beginning)
> are the year. Doing so will default all your config settings and the 0-120
> program channels . It will also default the electronic serial number to 1.
> The electronic serial number is available when you push the INFO button.
> The level 2 security password will then be 427748 .
>
> Bds are available from Harris Product service if they are still supporting
> the units , cost is very high, but product service cannot sell parts , so
> you would have to send in a suspected bad bd and if it is , replaced , a
> retested/ new bd exchanged, at great cost . They have no one to work on the
> 3200 line units.
>
> k4alphapapa
> Roger waldrgrmllr@...
> alphapapa 3200 2000
> Rochester, New York
>
>
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of arclight_arclight
> Sent: Thursday, April 30, 2009 8:57 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] RF-3200E passwords
>
>
>
>
>
> All: Stuff appears to be corrupted now in the logic board memory(although by
> reseating the non-volatile RAM, the ROM, and the processor just a bit, the
> radio came up and started working, so zeroizing the radio might turn the
> trick). Neither of the recorded passwords work, though. How can I figure out
> what the passwords have changed to?
>

> Thanks,
> Dave Maples AFA3WZ
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

362. Re: [harris-radio] Re: RF-3200E passwords

Yahoo group: harris-radio
Date: 2009-05-02 15:32:45 UTC
From: Brooke Clarke
Topic: 358 Message: 362

Hi Dave:

The U8 RS-232 interface connected to U3 uP is for the remote control.
http://www.prc68.com/I/RF3200ET.shtml

Have Fun,

Brooke Clarke
http://www.prc68.com

arclight_arclight wrote:
> Roger: Thanks very much for the help! The chip is relatively cheap (about $9). Do you know what the RS232 test port connected to the microprocessor is for?
>
>
>
>
> --- In harris-radio@yahoogroups.com, "Roger Waldmiller" <waldrgrmllr@...> wrote:
>
>> Good Morning Dave:
>> Past service on the E logic bds 10212-1270 with strange functions, or non
>> functions was the U6 sram Dallas . It has a built in batt and data can be
>> contaminated . I suggest you first replace this U6 with a new SRAM . There
>> is a date code on each , the 1st 2 numbers on the left side (beginning)
>> are the year. Doing so will default all your config settings and the 0-120
>> program channels . It will also default the electronic serial number to 1.
>> The electronic serial number is available when you push the INFO button.
>> The level 2 security password will then be 427748 .
>>
>> Bds are available from Harris Product service if they are still supporting
>> the units , cost is very high, but product service cannot sell parts , so
>> you would have to send in a suspected bad bd and if it is , replaced , a
>> retested/ new bd exchanged, at great cost . They have no one to work on the
>> 3200 line units.
>>
>> k4alphapapa
>> Roger waldrgrmllr@...
>> alphapapa 3200 2000
>> Rochester, New York
>>
>>
>>
>> -----Original Message-----
>> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
>> Behalf Of arclight_arclight
>> Sent: Thursday, April 30, 2009 8:57 PM

>> To: harris-radio@yahoogroups.com
>> Subject: [harris-radio] RF-3200E passwords
>>
>>
>>
>>
>>
>> All: Stuff appears to be corrupted now in the logic board memory(although by
>> reseating the non-volatile RAM, the ROM, and the processor just a bit, the
>> radio came up and started working, so zeroizing the radio might turn the
>> trick). Neither of the recorded passwords work, though. How can I figure out
>> what the passwords have changed to?
>>
>> Thanks,
>> Dave Maples AFA3WZ
>>
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>>
>> [Non-text portions of this message have been removed]
>>
>>
>
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC
from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
>

363. RE: [harris-radio] Re: RF-3200E passwords

Yahoo group: harris-radio
Date: 2009-05-02 21:07:08 UTC
From: Roger Waldmiller
Topic: 358 Message: 363

Hi Dave
Thanks Brook for the RS232 function. Correct , remote control via asxii commands . Use pc as dumb terminal or hyperlink.
IT WILL NOT DO PROGRAMMING
The remote control functions are very limited. No freq input, only selection of the 0-120 preprogrammed channels, ale functions , etc. Range from unit to the PC is limited , directly.
NOTE:
The RS232 pins are ONLY valid for the 3200E

Regards
Roger

k4alphapapa
waldrgrmllr@...
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of arclight_arclight
Sent: Saturday, May 02, 2009 11:12 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-3200E passwords

Roger: Thanks very much for the help! The chip is relatively cheap (about $9). Do you know what the RS232 test port connected to the microprocessor is for?

--- In harris-radio@ <mailto:harris-radio%40yahoogroups.com> yahoogroups.com, "Roger Waldmiller" <waldrgrmllr@...> wrote:
>
> Good Morning Dave:
> Past service on the E logic bds 10212-1270 with strange functions, or non
> functions was the U6 sram Dallas . It has a built in batt and data can be
> contaminated . I suggest you first replace this U6 with a new SRAM . There
> is a date code on each , the 1st 2 numbers on the left side (beginning)
> are the year. Doing so will default all your config settings and the 0-120
> program channels . It will also default the electronic serial number to 1.
> The electronic serial number is available when you push the INFO button.
> The level 2 security password will then be 427748 .
>
> Bds are available from Harris Product service if they are still supporting
> the units , cost is very high, but product service cannot sell parts , so
> you would have to send in a suspected bad bd and if it is , replaced , a
> retested/ new bd exchanged, at great cost . They have no one to work on

the
> 3200 line units.
>
> k4alphapapa
> Roger waldrgrmllr@...
> alphapapa 3200 2000
> Rochester, New York
>
>
>
> -----Original Message-----
> From: harris-radio@ <mailto:harris-radio%40yahoogroups.com>
yahoogroups.com [mailto:harris-radio@
<mailto:harris-radio%40yahoogroups.com> yahoogroups.com] On
> Behalf Of arclight_arclight
> Sent: Thursday, April 30, 2009 8:57 PM
> To: harris-radio@ <mailto:harris-radio%40yahoogroups.com> yahoogroups.com
> Subject: [harris-radio] RF-3200E passwords
>
>
>
>
>
> All: Stuff appears to be corrupted now in the logic board memory(although
by
> reseating the non-volatile RAM, the ROM, and the processor just a bit, the
> radio came up and started working, so zeroizing the radio might turn the
> trick). Neither of the recorded passwords work, though. How can I figure
out
> what the passwords have changed to?
>
> Thanks,
> Dave Maples AFA3WZ
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>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

364. RF-3200

Yahoo group: harris-radio
Date: 2009-05-03 02:33:02 UTC
From: vk5abc
Topic: 194 Message: 364

Hello All

Anyone with manual for the Harris RF-3200E in pdf format?

73 Lee

365. RE: [harris-radio] RF-3200

Yahoo group: harris-radio
Date: 2009-05-03 16:36:31 UTC
From: Roger Waldmiller
Topic: 194 Message: 365

Hi LEE:
I have a manual But not in PDf
Try www.w7fg.com , they have one listed under Harris Rf 3200E service manual $39.00 GOOD DEAL seeing Harris would want $500 for a copy and 6 mo lead time

k4alphapapa
Roger
waldrgrmllr@...
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of vk5abc
Sent: Saturday, May 02, 2009 10:33 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-3200

Hello All

Anyone with manual for the Harris RF-3200E in pdf format?

73 Lee

[Non-text portions of this message have been removed]

366. Re: [harris-radio] RF-3200

Yahoo group: harris-radio
Date: 2009-05-04 01:06:19 UTC
From: Rick Szajkowski
Topic: 194 Message: 366

if any one wants to build a lib. of manuals I would be more then happy to host them ..

let me know what the group thinks

Rick

On Sun, May 3, 2009 at 12:36 PM, Roger Waldmiller <
waldrgrmllr@...> wrote:

>
>
> Hi LEE:
> I have a manual But not in PDf
> Try www.w7fg.com , they have one listed under Harris Rf 3200E service
> manual $39.00 GOOD DEAL seeing Harris would want $500 for a copy and 6 mo
> lead time
>
> k4alphapapa
> Roger
> waldrgrmllr@... <waldrgrmllr%40frontiernet.net>
> alphapapa 3200 2000
> Rochester, New York
>
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com <harris-radio%40yahoogroups.com>[mailto:
> harris-radio@yahoogroups.com <harris-radio%40yahoogroups.com>] On
> Behalf Of vk5abc
> Sent: Saturday, May 02, 2009 10:33 PM
> To: harris-radio@yahoogroups.com <harris-radio%40yahoogroups.com>
> Subject: [harris-radio] RF-3200
>
> Hello All
>
> Anyone with manual for the Harris RF-3200E in pdf format?
>
> 73 Lee
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

367. Re: [harris-radio] RF-3200

Yahoo group: harris-radio
Date: 2009-05-04 01:01:57 UTC
From: Berndt Josef Wulf
Topic: 194 Message: 367

G'day,

Why not place documentation, manuals and other info in public areas such as the harris-radio group files area or on BAMA, the Boat Anchor Manual Archive? I personally don't believe in donating files to privately managed sites. Some sites impose rediculous download limits, e.g. one file in four days, and require payments of a donations to go beyond these limits. Also, many private sites appear and disappear and with it its contents.

Just my 2 cents.

73, Berndt
VK5ABN

On Monday 04 May 2009 10:36:19 Rick Szajkowski wrote:
> if any one wants to build a lib. of manuals I would be more then happy to
> host them ..
>
> let me know what the group thinks
>
> Rick
>
>
> On Sun, May 3, 2009 at 12:36 PM, Roger Waldmiller <
>
> waldrgrmllr@...> wrote:
> > Hi LEE:
> > I have a manual But not in PDf
> > Try www.w7fg.com , they have one listed under Harris Rf 3200E service
> > manual $39.00 GOOD DEAL seeing Harris would want $500 for a copy and 6 mo
> > lead time
> >
> > k4alphapapa
> > Roger
> > waldrgrmllr@... <waldrgrmllr%40frontiernet.net>
> > alphapapa 3200 2000
> > Rochester, New York
> >
> >
> > -----Original Message-----
> > From: harris-radio@yahoogroups.com
> > <harris-radio%40yahoogroups.com>[mailto: harris-radio@yahoogroups.com
> > <harris-radio%40yahoogroups.com>] On Behalf Of vk5abc
> > Sent: Saturday, May 02, 2009 10:33 PM
> > To: harris-radio@yahoogroups.com <harris-radio%40yahoogroups.com>
> > Subject: [harris-radio] RF-3200

> >
> > Hello All
> >
> > Anyone with manual for the Harris RF-3200E in pdf format?
> >
> > 73 Lee
> >
> > [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]

368. Re: [harris-radio] RF-3200

Yahoo group: harris-radio
Date: 2009-05-04 08:51:01 UTC
From: Steve Sykes
Topic: 194 Message: 368

All Harris manuals are copyrighted. Permission from Harris would have to be obtained before any manuals are published. W7FG is breaking the law by selling copies. The exception is the RT-1446 manuals, they are in the public domain as they are owned by the government.

Steve W2SES

Rick Szajkowski wrote:
>
>
> if any one wants to build a lib. of manuals I would be more then happy to
> host them ..
>
> let me know what the group thinks
>
> Rick
>
> On Sun, May 3, 2009 at 12:36 PM, Roger Waldmiller <
> waldrgrmllr@... <mailto:waldrgrmllr%40frontiernet.net>> wrote:
>
> >
> >
> > Hi LEE:
> > I have a manual But not in PDf
> > Try www.w7fg.com , they have one listed under Harris Rf 3200E service
> > manual $39.00 GOOD DEAL seeing Harris would want $500 for a copy and
> 6 mo
> > lead time
> >
> > k4alphapapa
> > Roger
> > waldrgrmllr@... <mailto:waldrgrmllr%40frontiernet.net>
> <waldrgrmllr%40frontiernet.net>
> > alphapapa 3200 2000
> > Rochester, New York
> >
> >
> > -----Original Message-----
> > From: harris-radio@yahoogroups.com
> <mailto:harris-radio%40yahoogroups.com>
> <harris-radio%40yahoogroups.com>[mailto:
> > harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> <harris-radio%40yahoogroups.com>] On
> > Behalf Of vk5abc
> > Sent: Saturday, May 02, 2009 10:33 PM

> > To: harris-radio@yahoogroups.com
> <mailto:harris-radio%40yahoogroups.com> <harris-radio%40yahoogroups.com>
> > Subject: [harris-radio] RF-3200
> >
> > Hello All
> >
> > Anyone with manual for the Harris RF-3200E in pdf format?
> >
> > 73 Lee
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

369. Re: [harris-radio] RF-3200

Yahoo group: harris-radio
Date: 2009-05-04 12:09:08 UTC
From: Rick Szajkowski
Topic: 194 Message: 369

I guess I should have posted that I am the list owner umm was JUST an idea
...

On Sun, May 3, 2009 at 9:01 PM, Berndt Josef Wulf <wulf@...> wrote:

>
>
> G'day,
>
> Why not place documentation, manuals and other info in public areas such as
>
> the harris-radio group files area or on BAMA, the Boat Anchor Manual
> Archive?
> I personally don't believe in donating files to privately managed sites.
> Some
> sites impose rediculous download limits, e.g. one file in four days, and
> require payments of a donations to go beyond these limits. Also, many
> private
> sites appear and disappear and with it its contents.
>
> Just my 2 cents.
>
> 73, Berndt
> VK5ABN
>
>
> On Monday 04 May 2009 10:36:19 Rick Szajkowski wrote:
> > if any one wants to build a lib. of manuals I would be more then happy to
> > host them ..
> >
> > let me know what the group thinks
> >
> > Rick
> >
> >
> > On Sun, May 3, 2009 at 12:36 PM, Roger Waldmiller <
> >
> > waldrgrmllr@... <waldrgrmllr%40frontiernet.net>> wrote:
> > > Hi LEE:
> > > I have a manual But not in PDf
> > > Try www.w7fg.com , they have one listed under Harris Rf 3200E service
> > > manual $39.00 GOOD DEAL seeing Harris would want $500 for a copy and 6
> mo
> > > lead time
> > >

> > > k4alphapapa
> > > Roger
> > > waldrgrmllr@... <waldrgrmllr%40frontiernet.net><waldrgrmllr%
> 40frontiernet.net>
> > > alphapapa 3200 2000
> > > Rochester, New York
> > >
> > >
> > > -----Original Message-----
> > > From: harris-radio@yahoogroups.com <harris-radio%40yahoogroups.com>
> > > <harris-radio%40yahoogroups.com>[mailto:
harris-radio@yahoogroups.com<harris-radio%40yahoogroups.com>
> > > <harris-radio%40yahoogroups.com>] On Behalf Of vk5abc
> > > Sent: Saturday, May 02, 2009 10:33 PM
> > > To: harris-radio@yahoogroups.com <harris-radio%40yahoogroups.com><harris-radio%
> 40yahoogroups.com>
> > > Subject: [harris-radio] RF-3200
> > >
> > > Hello All
> > >
> > > Anyone with manual for the Harris RF-3200E in pdf format?
> > >
> > > 73 Lee
> > >
> > > [Non-text portions of this message have been removed]
> >
> > [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

370. Re: RF-3200E passwords

Yahoo group: harris-radio
Date: 2009-05-12 00:06:03 UTC
From: arclight_arclight
Topic: 358 Message: 370

Brooke: This is the TXS, RXS pins on th HD64180. These go to a J15 that is normally not installed. Wonder if this is a back door into the processor.

--- In harris-radio@yahoogroups.com, Brooke Clarke <brooke@...> wrote:
>
> Hi Dave:
>
> The U8 RS-232 interface connected to U3 uP is for the remote control.
> http://www.prc68.com/I/RF3200ET.shtml
>
> Have Fun,
>
> Brooke Clarke
> http://www.prc68.com
>
>
>
> arclight_arclight wrote:
> > Roger: Thanks very much for the help! The chip is relatively cheap (about $9). Do you know what the RS232 test port connected to the microprocessor is for?
> >
> >
> >
> >
> > --- In harris-radio@yahoogroups.com, "Roger Waldmiller" <waldrgrmllr@> wrote:
> >
> >> Good Morning Dave:
> >> Past service on the E logic bds 10212-1270 with strange functions, or non
> >> functions was the U6 sram Dallas . It has a built in batt and data can be
> >> contaminated . I suggest you first replace this U6 with a new SRAM . There
> >> is a date code on each , the 1st 2 numbers on the left side (beginning)
> >> are the year. Doing so will default all your config settings and the 0-120
> >> program channels . It will also default the electronic serial number to 1.
> >> The electronic serial number is available when you push the INFO button.
> >> The level 2 security password will then be 427748 .
> >>
> >> Bds are available from Harris Product service if they are still supporting
> >> the units , cost is very high, but product service cannot sell parts , so
> >> you would have to send in a suspected bad bd and if it is , replaced , a
> >> retested/ new bd exchanged, at great cost . They have no one to work on the
> >> 3200 line units.
> >>
> >> k4alphapapa
> >> Roger waldrgrmllr@
> >> alphapapa 3200 2000

> >> Rochester, New York
> >>
> >>
> >>
> >> -----Original Message-----
> >> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> >> Behalf Of arclight_arclight
> >> Sent: Thursday, April 30, 2009 8:57 PM
> >> To: harris-radio@yahoogroups.com
> >> Subject: [harris-radio] RF-3200E passwords
> >>
> >>
> >>
> >>
> >>
> >> All: Stuff appears to be corrupted now in the logic board memory(although by
> >> reseating the non-volatile RAM, the ROM, and the processor just a bit, the
> >> radio came up and started working, so zeroizing the radio might turn the
> >> trick). Neither of the recorded passwords work, though. How can I figure out
> >> what the passwords have changed to?
> >>
> >> Thanks,
> >> Dave Maples AFA3WZ
> >>
> >>
> >>
> >>
> >>
> >>
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >>
> >
> >
> >
> >
> > ------------------------------------
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?
> > Do you need a domain name and don't want to pay a lot for it?
> > Does your IP change every day or even every hour? and you need a way to get to you PC
from outside your home or business?
> >
> > www.2mypc.netYahoo! Groups Links
> >
> >
> >

> >
>

371. RE: [harris-radio] Re: RF-3200E passwords

Yahoo group: harris-radio
Date: 2009-05-12 00:40:43 UTC
From: Roger Waldmiller
Topic: 358 Message: 371

Hi Dave :
An external PC can be connected to the 3200e at the ACC connector on the rear of the unit . Pin 12,13,14.15, pin 15 is TSTRXD, 14 IS TSTTXD, 13 is Gnd, 12 is TSTRTS "(normally not needed)
The ACC conn J3 is connected to the uP U3 via U8 a MAX232 chip. Output of U8 connects to the uPpins 49,48,45,46, and 47

Roger

k4alphapapa
waldrgrmllr@...
alphapapa 3200 2000

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of arclight_arclight
Sent: Monday, May 11, 2009 8:06 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-3200E passwords

Brooke: This is the TXS, RXS pins on th HD64180. These go to a J15 that is normally not installed. Wonder if this is a back door into the processor.

--- In harris-radio@ <mailto:harris-radio%40yahoogroups.com>
yahoogroups.com, Brooke Clarke <brooke@...> wrote:
>
> Hi Dave:
>
> The U8 RS-232 interface connected to U3 uP is for the remote control.
> http://www.prc68. <http://www.prc68.com/I/RF3200ET.shtml>
com/I/RF3200ET.shtml
>
> Have Fun,
>
> Brooke Clarke
> http://www.prc68. <http://www.prc68.com> com
>
>
>
> arclight_arclight wrote:
> > Roger: Thanks very much for the help! The chip is relatively cheap
(about $9). Do you know what the RS232 test port connected to the
microprocessor is for?
> >
> >
> >

> >
> > --- In harris-radio@ <mailto:harris-radio%40yahoogroups.com>
yahoogroups.com, "Roger Waldmiller" <waldrgrmllr@> wrote:
> >
> >> Good Morning Dave:
> >> Past service on the E logic bds 10212-1270 with strange functions, or
non
> >> functions was the U6 sram Dallas . It has a built in batt and data can
be
> >> contaminated . I suggest you first replace this U6 with a new SRAM .
There
> >> is a date code on each , the 1st 2 numbers on the left side (beginning)
> >> are the year. Doing so will default all your config settings and the
0-120
> >> program channels . It will also default the electronic serial number to
1.
> >> The electronic serial number is available when you push the INFO
button.
> >> The level 2 security password will then be 427748 .
> >>
> >> Bds are available from Harris Product service if they are still
supporting
> >> the units , cost is very high, but product service cannot sell parts ,
so
> >> you would have to send in a suspected bad bd and if it is , replaced ,
a
> >> retested/ new bd exchanged, at great cost . They have no one to work on
the
> >> 3200 line units.
> >>
> >> k4alphapapa
> >> Roger waldrgrmllr@
> >> alphapapa 3200 2000
> >> Rochester, New York
> >>
> >>
> >>
> >> -----Original Message-----
> >> From: harris-radio@ <mailto:harris-radio%40yahoogroups.com>
yahoogroups.com [mailto:harris-radio@
<mailto:harris-radio%40yahoogroups.com> yahoogroups.com] On
> >> Behalf Of arclight_arclight
> >> Sent: Thursday, April 30, 2009 8:57 PM
> >> To: harris-radio@ <mailto:harris-radio%40yahoogroups.com>
yahoogroups.com
> >> Subject: [harris-radio] RF-3200E passwords
> >>
> >>
> >>
> >>

> >>
> >> All: Stuff appears to be corrupted now in the logic board
memory(although by
> >> reseating the non-volatile RAM, the ROM, and the processor just a bit,
the
> >> radio came up and started working, so zeroizing the radio might turn
the
> >> trick). Neither of the recorded passwords work, though. How can I
figure out
> >> what the passwords have changed to?
> >>
> >> Thanks,
> >> Dave Maples AFA3WZ
> >>
> >>
> >>
> >>
> >>
> >>
> >>
> >> [Non-text portions of this message have been removed]
> >>
> >>
> >
> >
> >
> >
> > ------------------------------------
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?
> > Do you need a domain name and don't want to pay a lot for it?
> > Does your IP change every day or even every hour? and you need a way to
get to you PC from outside your home or business?
> >
> > www.2mypc.netYahoo! Groups Links
> >
> >
> >
> >
>

[Non-text portions of this message have been removed]

372. WTB: Manual to AM-3924B(P)/URT

Yahoo group: harris-radio
Date: 2009-05-12 02:21:49 UTC
From: W2HX
Topic: 372 Message: 372

Hello all, I've been making slow progress on this amp for several years (part of URT-23). And have reached a problem that requires the right manual version which I've never had.

I have the manual to the AM-3924D and also the Harris RF-110A manual. But I don't have the manual for the AM-3924 "B" version. So I've been trying to "interpolate" between the two and its just been too much work. The "B" seems to be some kind of cross between the D and the RF-110A. Has some features of both, but not others.

Any chance someone has this manual?

thanks

73 Eugene W2HX

373. Re: RF-3200E passwords

Yahoo group: harris-radio
Date: 2009-05-12 21:30:38 UTC
From: arclight_arclight
Topic: 358 Message: 373

--- In harris-radio@yahoogroups.com, "Roger Waldmiller" <waldrgrmllr@...> wrote:
>

(snip)

Roger: I know about that port; however, there's another one on the motherboard that does not connect through U8 to the rear panel. It stops on J15 on the motherboard. I'm still trying to resolve the password issue on this board (not even the Harris default seems to work, and I've replaced the Dallas chip). I'm wondering if there's status or other data communicated through the unused serial port, since there is tx data, rx data, and a clock.

Thanks to all for their help!

Dave Maples

374. success

Yahoo group: harris-radio
Date: 2009-05-12 23:07:14 UTC
From: arclight_arclight
Topic: 374 Message: 374

All: I got in to the radio (by putting in the 427748 password correctly!). I also checked the second srial port for a clock but found nothing.

Thanks,
Dave

375. Want RF-505A Part

Yahoo group: harris-radio
Date: 2009-05-14 23:28:05 UTC
From: courir26
Topic: 375 Message: 375

Anyone got a RF-505A receiver they are parting out?

I need a part. Thanks
Tom

376. Harris RF-1110A need module pin out

Yahoo group: harris-radio
Date: 2009-05-15 01:20:55 UTC
From: garychenhall
Topic: 376 Message: 376

Gidday everyone,

can someone help with some RF-1110A data.

Ime still looking for the connections descriptions to the D series connectors on the rear of the Power amplifier and driver amplifier modules. Since the modules are new and transistors known to be good I dont want to risk experimenting on them.
I will be able to build these into a project if I know what the wires do.
Thanks Gary C

377. RF-280 FOR SALE

Yahoo group: harris-radio
Date: 2009-05-16 21:31:29 UTC
From: dpo777
Topic: 377 Message: 377

I HAVE A NICE RF-280 WITH THE MATCHING REMOTE ANTENNATUNER CU2184/URC94[V]EVERYTHING WORKS FINE BUT THE NOISE BLANKER.ASKING $1200.00 PLUS SHIPPING.

378. RF-2301 Manuals wanted

Yahoo group: harris-radio
Date: 2009-05-22 08:09:43 UTC
From: Wolf Kiel
Topic: 378 Message: 378

Hi folks,
I got a lot of RF-2301 parts, mostly defective, and I am just trying to rebuild a serviceable radio from the parts. Included is also the RF-2360 power supply, but it also has some trouble. It would be a reasonable help to have a technical manual for both the RF-2301 radio and the RF-2360 power supply, so I will be able to bring this beautiful radio setup back to life and to air.
Is any one out there who can help or has an technical manual?
Thanks a lot!
Wolf

379. Surge arrestor for Harris RF-3200E / RF-382 tuner

Yahoo group: harris-radio
Date: 2009-05-26 19:24:45 UTC
From: arclight_arclight
Topic: 379 Message: 379

All: Can anyone recommend the correct mfr and part number for the lightning surge arrestor that goes in the coax between a Harris RF-3200E and the RF-382 tuner? The arrestor has to allow DC and low-frequency control data to pass on the coax from the -3200E to the -382 tuner, in addition to 125 watts of RF. I checked with Polyphaser and they don't have a suitable product, according to them. Any suggestions?

Thanks,
Dave AFA3WZ

380. RE: [harris-radio] Surge arrestor for Harris RF-3200E / RF-382 tuner

Yahoo group: harris-radio
Date: 2009-05-26 21:35:45 UTC
From: Leon S. Ciereszko III
Topic: 379 Message: 380

Take a look at:http://www.alphadeltacom.com/pdf/Transi-Trap%20installation%20and%20tech%20data.pdf . It has a DC control pass-thru.

Lee N4TCW/DA1TCW

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]On Behalf Of arclight_arclight
Sent: Tuesday, May 26, 2009 9:25 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Surge arrestor for Harris RF-3200E / RF-382 tuner

All: Can anyone recommend the correct mfr and part number for the lightning surge arrestor that goes in the coax between a Harris RF-3200E and the RF-382 tuner? The arrestor has to allow DC and low-frequency control data to pass on the coax from the -3200E to the -382 tuner, in addition to 125 watts of RF. I checked with Polyphaser and they don't have a suitable product, according to them. Any suggestions?

Thanks,
Dave AFA3WZ

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

381. Re: [harris-radio] Surge arrestor for Harris RF-3200E / RF-382 tuner

Yahoo group: harris-radio
Date: 2009-05-26 23:02:00 UTC
From: Steve Sykes
Topic: 379 Message: 381

Dave,
The RF-382 does not get signals up the coax. Do you mean the RF-3282?

Steve NNN0HSB
arclight_arclight wrote:
>
>
> All: Can anyone recommend the correct mfr and part number for the
> lightning surge arrestor that goes in the coax between a Harris
> RF-3200E and the RF-382 tuner? The arrestor has to allow DC and
> low-frequency control data to pass on the coax from the -3200E to the
> -382 tuner, in addition to 125 watts of RF. I checked with Polyphaser
> and they don't have a suitable product, according to them. Any
> suggestions?
>
> Thanks,
> Dave AFA3WZ
>
>

382. RE: [harris-radio] Surge arrestor for Harris RF-3200E / RF-382 tuner

Yahoo group: harris-radio
Date: 2009-05-27 01:13:23 UTC
From: Roger Waldmiller
Topic: 379 Message: 382

Dave
Try www.fischercc.com

k4alphapapa

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of arclight_arclight
Sent: Tuesday, May 26, 2009 3:25 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Surge arrestor for Harris RF-3200E / RF-382 tuner

All: Can anyone recommend the correct mfr and part number for the lightning surge arrestor that goes in the coax between a Harris RF-3200E and the RF-382 tuner? The arrestor has to allow DC and low-frequency control data to pass on the coax from the -3200E to the -382 tuner, in addition to 125 watts of RF. I checked with Polyphaser and they don't have a suitable product, according to them. Any suggestions?

Thanks,
Dave AFA3WZ

[Non-text portions of this message have been removed]

383. Re: RF-280 FOR SALE

Yahoo group: harris-radio
Date: 2009-05-28 22:36:04 UTC
From: scm325
Topic: 377 Message: 383

Hello Dave,

I bought this radio from Dave....Very Pleased....just like he stated & he met me halfway to xfer it....super guy to deal with.

Thanks Again,
Steve
SCM325

--- In harris-radio@yahoogroups.com, "dpo777" <w9nto@...> wrote:
>
> I HAVE A NICE RF-280 WITH THE MATCHING REMOTE ANTENNATUNER CU2184/URC94[V]EVERYTHING WORKS FINE BUT THE NOISE BLANKER.ASKING $1200.00 PLUS SHIPPING.
>

384. FS: Alphanumeric Display Module

Yahoo group: harris-radio
Date: 2009-06-01 02:40:18 UTC
From: Berndt Josef Wulf
Topic: 384 Message: 384

G'day,

this is to let you know that I've place an alphanumeric display module
suitable for Harris R2368/URR, RF-1310, RF-7405, RF-7210A and possible others
for sale on eBay, see link below

http://cgi.ebay.com.au/ws/eBayISAPI.dll?ViewItem&item=260420808877&viewitem=

73, Berndt
VK5ABN

385. FOR SALE

Yahoo group: harris-radio
Date: 2009-06-02 19:52:28 UTC
From: dpo777
Topic: 385 Message: 385

RT1230/URC-94 FOR SPARES OR REPAIR.RACK MOUNT UNIT,MISSING TOP COVER,OTHERWISE COMPLETE.I THINK IT NEEDS THE 12 VOLT P.S. REPAIRED?ASKING $450.00+ SHIPPING OR PICKUP IN S.E. IN. 765-647-3912

386. FOR SALE RF-350/RT-1446 and RF-355/AM-7223

Yahoo group: harris-radio
Date: 2009-06-08 11:26:52 UTC
From: philippe
Topic: 386 Message: 386

The RF350 transmitter work very fine, all is ok, i provide RS232 remote control interface (incide the transmitter), H250/U Handset, M-80C/U Microphone, Power cable, RS232/Audio cable for remote software, Audio/PTTT cable for PTT Audio comand. This equipment work with PC-ALE, MultiPSK. The RF355/AM-7223 amplifier is provided with power câble too and interface cable between these two unit and work well too. Regards. Philippe F1ETA

387. Re: FOR SALE RF-350/RT-1446 and RF-355/AM-7223

Yahoo group: harris-radio
Date: 2009-06-08 11:57:17 UTC
From: vk5abc
Topic: 386 Message: 387

Hello Philippe
Would you sell just the RF-355 as I already have a RT-1446/URC
please let me know?

73 Lee. VK5ABC

--- In harris-radio@yahoogroups.com, "philippe" <philgievres@...> wrote:
>
> The RF350 transmitter work very fine, all is ok, i provide RS232 remote control interface (incide the transmitter), H250/U Handset, M-80C/U Microphone, Power cable, RS232/Audio cable for remote software, Audio/PTTT cable for PTT Audio comand. This equipment work with PC-ALE, MultiPSK. The RF355/AM-7223 amplifier is provided with power câble too and interface cable between these two unit and work well too. Regards. Philippe F1ETA
>

388. Re: [harris-radio] FS: Alphanumeric Display Module

Yahoo group: harris-radio
Date: 2009-06-15 13:42:41 UTC
From: Berndt Josef Wulf
Topic: 384 Message: 388

G'day,

It appears that some bidders had problems with the AEST (Australian Eastern Standard Time) time zone vs EST (American Eastern Standard Time), as this advert was placed with eBay Australia and not eBay USA. I had several emails reporting that I had "cancelled" the auction, which wasn't the case. The bad news is that this module is now sold. However, the good news is that I received the mounting hardware this week enabling me to build another three modules. The price for each module is US$65.00 plus shipment. Please contact me privately if interested.

Information about this module can be found on
http://www.ping.net.au/index.php?mode=vfd

73, Berndt
VK5ABN

389. RF-590A noise blanker

Yahoo group: harris-radio
Date: 2009-06-18 13:38:29 UTC
From: vk5abc
Topic: 389 Message: 389

Hello All

Does anyone have the circuit and pcb layout for the Rf-590A Noise Blanker?
Thanks Lee

390. External Amplified Speaker for PRC-138

Yahoo group: harris-radio
Date: 2009-06-20 20:48:33 UTC
From: Leon S. Ciereszko III
Topic: 390 Message: 390

Greetings All,
I am looking for an external speaker for my PRC-138. I assume it connects inline with the handset since there is only one handset connector. I have heard that the audio output is very low so it requires an amplified speaker. Any suggestions?

Thanks,

Lee N4TCW/DA1TCW

391. RF-280 AC in pinout

Yahoo group: harris-radio
Date: 2009-07-20 14:08:03 UTC
From: John Cook
Topic: 391 Message: 391

Hi Folks.
I have a RF-280/urc-94 with built in power supply but no AC power in cable. Not expecting to find the AC power cable for sale anywhere. I'm looking for the AC in pinout and hopefully the connector ID number so I can build a cable.
Also just finishing up the 150 watt falcon station. Will be on the air soon with that. Until then I'll be on hfpack freq. pedestrian moble and portable from time to time with the PRC-138

thanks & 73
John
k6ero

392. RE: [harris-radio] RF-280 AC in pinout

Yahoo group: harris-radio
Date: 2009-07-20 23:18:46 UTC
From: Dave Maples
Topic: 391 Message: 392

John: The connector is a MS3106F16S-1S. Pinout is as follows:

A: Hot (120 VAC @ 7A max load)
D: Neutral
E: Ground

Hope this helps.

Dave WB4FUR

[Non-text portions of this message have been removed]

393. Re: RF-280 AC in pinout

Yahoo group: harris-radio
Date: 2009-07-21 17:06:55 UTC
From: John Cook
Topic: 391 Message: 393

Thanks Dave,
URC-94 powers up fine and recieves well, but no power out on TX, well maybe milliwatts. I can hear it on another reciever. Looks like I have a Project (boat anchor)...:-)

73,
John
k6ero

--- In harris-radio@yahoogroups.com, "Dave Maples" <dsmaples@...> wrote:
>
> John: The connector is a MS3106F16S-1S. Pinout is as follows:
>
> A: Hot (120 VAC @ 7A max load)
> D: Neutral
> E: Ground
>
> Hope this helps.
>
> Dave WB4FUR
>
> [Non-text portions of this message have been removed]
>

394. more pinouts needed (PRC-138 battery eliminator)

Yahoo group: harris-radio
Date: 2009-07-21 17:13:16 UTC
From: John Cook
Topic: 394 Message: 394

I have a Harris RF-5840-PS001 battery eliminator for the PRC-138 that is AC or DC in. I have the AC cable but am looking for the pinouts to make up a DC in cable.

thanks,
John
k6ero

395. Re: RF-280 AC in pinout

Yahoo group: harris-radio
Date: 2009-07-21 19:52:25 UTC
From: Guenter
Topic: 391 Message: 395

Hi,
have you tuned the radio correctly on the frequency you want to send?
73 de OE1VRC
--- In harris-radio@yahoogroups.com, "John Cook" <k6ero@...> wrote:
>
> Thanks Dave,
> URC-94 powers up fine and recieves well, but no power out on TX, well maybe milliwatts. I can hear it on another reciever. Looks like I have a Project (boat anchor)...:-)
>
> 73,
> John
> k6ero
>
>
>
>
>
> --- In harris-radio@yahoogroups.com, "Dave Maples" <dsmaples@> wrote:
> >
> > John: The connector is a MS3106F16S-1S. Pinout is as follows:
> >
> > A: Hot (120 VAC @ 7A max load)
> > D: Neutral
> > E: Ground
> >
> > Hope this helps.
> >
> > Dave WB4FUR
> >
> > [Non-text portions of this message have been removed]
> >
>

396. Re: more pinouts needed (PRC-138 battery eliminator)

Yahoo group: harris-radio
Date: 2009-07-22 02:04:31 UTC
From: Mike
Topic: 394 Message: 396

If its the MRC made version with a 5 pin plug, pin E is + and D is -.
Mike

--- In harris-radio@yahoogroups.com, "John Cook" <k6ero@...> wrote:
>
> I have a Harris RF-5840-PS001 battery eliminator for the PRC-138 that is AC or DC in. I have the AC cable but am looking for the pinouts to make up a DC in cable.
>
> thanks,
> John
> k6ero
>

397. RE: [harris-radio] Re: more pinouts needed (PRC-138 battery eliminator)

Yahoo group: harris-radio
Date: 2009-07-22 04:15:00 UTC
From: D. Emer
Topic: 394 Message: 397

The Harris RF 5850-PS001 adapter is a different animal than the MRC units. It has a 5 pin male
DC input and a separate 3 pin AC input and a female 6 pin aux jack. None off them mate with the
MRC plugs.

Dud
KK7IF

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Mike
Sent: Tuesday, July 21, 2009 7:05 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: more pinouts needed (PRC-138 battery eliminator)

If its the MRC made version with a 5 pin plug, pin E is + and D is -.
Mike

--- In harris-radio@yahoogroups.com, "John Cook" <k6ero@...> wrote:
>
> I have a Harris RF-5840-PS001 battery eliminator for the PRC-138 that is AC or DC in. I have
the AC cable but am looking for the pinouts to make up a DC in cable.
>
> thanks,
> John
> k6ero
>

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Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

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398. RF-110A A5/A6?

Yahoo group: harris-radio
Date: 2009-07-26 18:09:52 UTC
From: W2HX
Topic: 398 Message: 398

Hello all. Been troubleshooting a bias supply problem for over 6 months. I'm close to the end of my rope doing the component-level troubleshooting so I thought I'd send out a call.

Anyone have a spare A6 board that they would care to sell? I might as well get a spare A5 board too in case the problem is somewhere there. I don't think it is.

Let me know what you have!
thanks

73 Eugene W2HX

PS. In case you're interested in the details:

1. The final bias is fine in AB1 mode. The problem is only in CW/RATT mode.
2. overtime, the bias increases until the tubes start to conduct. Typical range for the grid voltage in CW/RATT goes from -90VDC when first started up and slowly drifts to about -72 and the tubes are conducting.
3. I have pulled the tubes, so this is not the cause
4. I do not have to have the HV on for the bias voltage to shift
5. I have replaced several components over time with no improvement

399. CU-382A antenna coupler service manual

Yahoo group: harris-radio
Date: 2009-08-02 16:23:43 UTC
From: w5ntq
Topic: 399 Message: 399

Want to purchase an original or copy of a service/maintenance manual for the CU-382A antenna coupler. Or is the CU-382A close enough to the CU-2397/G that that manual would suffice?

400. Looking for HARRIS RT-1446/URC RF-350K PART 100 WATT PA

Yahoo group: harris-radio
Date: 2009-08-11 11:54:05 UTC
From: maxman562003
Topic: 400 Message: 400

Hello,

I am looking for three parts to buy, For a
HARRIS RT-1446/URC RF-350K

10085-8010 100W PA, 12V, ASSY, A1A4

10085-5174 COVER, RCVR

10085-5175 COVER, EXCITER

Thanks Much

Max AFA5IX KG9HZ
Orland Indiana

401. Re: [harris-radio] Looking for HARRIS RT-1446/URC RF-350K PART 100 WATT PA

Yahoo group: harris-radio
Date: 2009-08-11 13:37:50 UTC
From: Brooke Clarke
Topic: 400 Message: 401

Hi Max:

You might check Mike Murphy:
http://www.prc68.com/I/MSD.shtml#M

Have Fun,

Brooke Clarke
http://www.prc68.com

maxman562003 wrote:
> Hello,
>
> I am looking for three parts to buy, For a
> HARRIS RT-1446/URC RF-350K
>
> 10085-8010 100W PA, 12V, ASSY, A1A4
>
> 10085-5174 COVER, RCVR
>
> 10085-5175 COVER, EXCITER
>
> Thanks Much
>
> Max AFA5IX KG9HZ
> Orland Indiana
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
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> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
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>

402. RF-350K repair?

Yahoo group: harris-radio
Date: 2009-08-14 04:08:24 UTC
From: echelon396
Topic: 402 Message: 402

Does anyone know of someone who can repair a RF-350K? Thanks for any info.
Jayme

403. Re: RF-350K repair?

Yahoo group: harris-radio
Date: 2009-08-14 11:55:02 UTC
From: maxman562003
Topic: 402 Message: 403

--- In harris-radio@yahoogroups.com, "echelon396" <j.wing@...> wrote:
>
> Does anyone know of someone who can repair a RF-350K? Thanks for any info.
> Jayme
>

I have worked on them for many years. What is the problem?
Max

404. Re: Looking for HARRIS RT-1446/URC RF-350K PART 100 WATT PA

Yahoo group: harris-radio
Date: 2009-08-14 11:57:18 UTC
From: maxman562003
Topic: 400 Message: 404

Thanks,
I have been looking there but no luck yet.
Max

405. Harris 1960-3006 longwire adapter

Yahoo group: harris-radio
Date: 2009-08-16 12:45:59 UTC
From: Berndt Josef Wulf
Topic: 405 Message: 405

G'day,

doesn anyone know the internals of this adapter, or perhaps even better know its purpose?

Reading the Harris CU-2397 manual, it states that it requires this adapter for longwires exceeding 75feet in length.

73, Berndt
VK5ABN

406. Re: [harris-radio] Harris 1960-3006 longwire adapter

Yahoo group: harris-radio
Date: 2009-08-16 23:57:44 UTC
From: Doug Smith
Topic: 405 Message: 406

--- On Sun, 8/16/09, Berndt Josef Wulf <wulf@...> wrote:
> doesn anyone know the internals of this adapter, or perhaps even better know
> its purpose?

I don't have the Harris docs with me (traveling) but I believe that the long wire adapter is nothing more than a series capacitor. Probably 100 pf or so and, most likely, a ceramic (high voltage) doorknob capacitor. It is used to shorten the electrical length of an attached long wire antenna.

However, you can certainly *try* tuning up with any length wire without the adapter. It is "required" to meet the established specification of matching at any frequency from 1.6 to 30 MHz. Your long wire may match fine without the "long wire adapter" on the frequencies of interest to you..

73,
-Doug, W7KF

[Non-text portions of this message have been removed]

407. Looking for the manual for RF-3490A

Yahoo group: harris-radio
Date: 2009-08-17 16:09:20 UTC
From: J.Cherry
Topic: 407 Message: 407

would like to find a manual for the RF-3490A Data Doodle box..

thanks..

_____ Information from ESET Smart Security, version of virus signature database 4342 (20090817) _____

The message was checked by ESET Smart Security.

http://www.eset.com

408. RF-5022T/T

Yahoo group: harris-radio
Date: 2009-08-24 18:03:21 UTC
From: zilbershatz
Topic: 408 Message: 408

Hi
I am new to this group .My name is Baruch and I am 4z4rb Israel.
I have 2 complete sets of RF-5022R/T with all options and power amplifiers I need manual(S).
Is there anybody on the list that can share ??
In cd form or hard copy or original .
willing to pay all expences .
Thanks and have a good harris day
4z4rb1@...

409. Wanted Harris accesories

Yahoo group: harris-radio
Date: 2009-08-30 17:57:14 UTC
From: hb9ibz
Topic: 409 Message: 409

Hi All,

I am looking for and ready to purchase two following Harris models:

1) remote control RF-3234E
2) antenna coupler RF-3263-12

If you have such items and would like to increase youzr shelf space, please sent me an email offline:

jc.daehler@...

Thanks
JC
VE7OI

410. Harris RF-610 vs. RF-615

Yahoo group: harris-radio
Date: 2009-08-31 06:42:20 UTC
From: Berndt Josef Wulf
Topic: 410 Message: 410

G'day,

I'm interested in getting to know the differences between a Harris RF-610 and RF-615 antenna tuner. There doesn't appear to be much information on the net as Google failed to return anything useful.

Thanks,

73, Berndt
VK5ABN

411. RE: [harris-radio] Wanted Harris accesories

Yahoo group: harris-radio
Date: 2009-08-31 15:10:32 UTC
From: Roger Waldmiller
Topic: 409 Message: 411

Hi VE7OI JC
There were very few Rf 3234 E made , very low demand. I do not know of any sales that were made that had them, in all the years I serviced the 3200 series in Harris product Service.
As for the coupler , I think you mean RF 3282-12 . This coupler will only work with the Rf 3200 units. The Rf 3282-12 is the same as a Rf 3282-24 (the -24 had a regulator that worked on 12v and 24 v) and the Rf 3281. The main bds in the coupler in all the units is the same . The -24 version has some components on the regulator that can be transferred to the main bd to make it the same as the 3281 and the 2182-12. The 3282 had a metal case and the 3281 had a fiberglass case. Both are very much around , lots sold. BUT beware of water damage to the main bad in all cases, if bad the bad is unrepairable.
A substitute would be the SAC coupler that works on the Fro sag, you have to supply external dc to the unit.

NOTE:
For the Fro 3282 and the Fro 3281 , they both need a interface card in the 3200 unit

Regards
k4alphapapa
<mailto:waldrgrmllr@...> waldrgrmllr@...
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of hb9ibz
Sent: Sunday, August 30, 2009 1:57 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Wanted Harris accesories

Hi All,

I am looking for and ready to purchase two following Harris models:

1) remote control RF-3234E
2) antenna coupler RF-3263-12

If you have such items and would like to increase youzr shelf space, please sent me an email offline:

jc.daehler@gmail. <mailto:jc.daehler%40gmail.com> com

Thanks
JC

VE7OI

[Non-text portions of this message have been removed]

412. WTB PART FOR HARRIS RF-350K RT-1446/URC POWER AMP ASSY A1A4

Yahoo group: harris-radio
Date: 2009-09-20 14:05:47 UTC
From: maxman562003
Topic: 412 Message: 412

I am looking for three parts to buy,

For a HARRIS RT-1446/URC RF-350K

10085-8010 100W PA, 12V, ASSY, A1A4

10085-5174 COVER, RCVR

10085-5175 COVER, EXCITER

Thanks Much

Max AFA5IX KG9HZ

413. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2009-10-01 14:14:34 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 413

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /RF-353 & RF-355 Ampifierss/! Harris Amps RF355_RF353 TX Interface.pdf
Uploaded by : f1frv <f1frv@...>
Description : For use with any transceiver

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/RF-353%20%26%20RF-355%20Ampifierss/%21%20Harris%20Amps%20RF355_RF353%20TX%20Interface.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

f1frv <f1frv@...>

414. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2009-10-01 15:53:18 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 414

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /RF-353 & RF-355 Ampifierss/rf353_schem.zip
Uploaded by : ok1rr <martin@...>
Description : RF-353 (AM7224/URC) schematics in high resolution

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/RF-353%20%26%20RF-355%20Ampifierss/rf353_schem.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

ok1rr <martin@...>

415. Harris RF-7210A ALE controller for sale

Yahoo group: harris-radio
Date: 2009-10-05 03:59:30 UTC
From: echelon396
Topic: 415 Message: 415

Harris RF-7210A ALE controller for sale on ebay item number 250508873823.

416. (FS) Harris RF-5032 125 W automatic power amplifier

Yahoo group: harris-radio
Date: 2009-10-08 17:32:18 UTC
From: zilbershatz
Topic: 416 Message: 416

Hi to all!
(FS) Harris RF-5032 125 W automatic power amplifier.
The amplifier is tested and in a great physical and electrical condition.
Item is for sale because of personal condition. This is a very rare and ultra modern amplifier
of the current mill .FALCON generation of radio equipment.
Covering 1.6 -30.0 MHz. Input 100mW for full 125 W of power.
Please contact off list
4z4rb1@...
Thank you Baruch 4z4rb

417. Need Pinouts and/or Cables for ?Harris? RF-5980-SA001 Tactical Amplifier/Speaker

Yahoo group: harris-radio
Date: 2009-10-15 07:54:25 UTC
From: Leon S. Ciereszko III
Topic: 417 Message: 417

Greetings All,
I found this speaker in the scrap bin. It has no labels on the outside. It appears to be a Harris RF-5980-SA001 Tactical Amplifier/Speaker. It has two 6 pin audio connectors (U-229?), a power switch, a loudspeaker on/off switch, two volume controls, a 3 pin circular (cannon?) connector for power, and a six socket circular (cannon?) connector for audio. I am looking for the pinouts/cables for the power and audio.

Thanks,

Lee N4TCW/DA1TCW

418. RE: [harris-radio] Need Pinouts and/or Cables for ?Harris? RF-5980-SA001 Tactical Amplifier/Speaker

Yahoo group: harris-radio
Date: 2009-10-15 18:08:15 UTC
From: Roger Waldmiller
Topic: 417 Message: 418

Lee
Lots of luck on this one . If it is the one I think it is , it is a OEM Harris unit and only the vendor/mfg has the prints . Even Harris doesn't have any , they sent it back for repair.
You might try the Harris web site RFCD div for products and the cables. With the cable numbers , contact Product service for a pin readout.

Regards
Roger
k4alphapapa
waldrgrmllr@...
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Leon S. Ciereszko III
Sent: Thursday, October 15, 2009 3:54 AM
To: Harris-Radio@Yahoogroups. Com; Armyradios; Milpack
Subject: [harris-radio] Need Pinouts and/or Cables for ?Harris? RF-5980-SA001 Tactical Amplifier/Speaker

Greetings All,
I found this speaker in the scrap bin. It has no labels on the outside. It appears to be a Harris RF-5980-SA001 Tactical Amplifier/Speaker. It has two 6 pin audio connectors (U-229?), a power switch, a loudspeaker on/off switch, two volume controls, a 3 pin circular (cannon?) connector for power, and a six socket circular (cannon?) connector for audio. I am looking for the pinouts/cables for the power and audio.

Thanks,

Lee N4TCW/DA1TCW

[Non-text portions of this message have been removed]

419. Pacer Bounce remote control help

Yahoo group: harris-radio
Date: 2009-10-21 23:39:51 UTC
From: arclight_arclight
Topic: 419 Message: 419

All: I have a Harris remote control unit for the Pacer Bounce system. Mine continues to say LCU OFF, no matter what I do. The Pacer Bounce radio is receiving control data from the remote control unit (I can initiate a full-system test using the remote control unit, so there's definitely a link TO the radio). The Pacer Bounce radio also works just fine with the 7210 ALE controller. The radio just can't seem to convince the remote control unit that it is present.

It works the same way regardless of whether I run RS422 or RS232.

I've checked the data signal from the radio to the microprocessor in the remote control unit and I can see the signals from the radio on the appropriate microprocessor pin. It's almost like the microprocessor code isn't initializing an interrupt or something.

I've replaced the microprocessor in the remote controls. Any other suggestions here? Anyone out there can read the EPROM and send me the data? Also, is there any internal test routine that I might run?

Thanks,
Dave WB4FUR

420. Re: [harris-radio] Pacer Bounce remote control help

Yahoo group: harris-radio
Date: 2009-10-22 15:03:57 UTC
From: Doug Smith
Topic: 419 Message: 420

> From: arclight_arclight <dsmaples@...>
> All: I have a Harris remote control unit for the Pacer Bounce system. Mine continues to
> say LCU OFF, no matter what I do

I have found that the internal rotary switch that sets the baud rate can get flaky. In one case, I had to hard-wire it to a specific baud rate because the switch contacts would not hold a solid connection.

Good luck and 73,
-Doug, W7KF

[Non-text portions of this message have been removed]

421. RF-353 (AM7224/URC) amp - how to activate the PTT?

Yahoo group: harris-radio
Date: 2009-10-26 16:47:02 UTC
From: Martin
Topic: 419 Message: 421

I own a RF-353 (AM7224/URC) amp (it is the 1 kW version with 8877 tube) which I want to use with my TT Orion radio. My problem is that I can't find a way how to activate the PTT. The pin 6 on the XCVR DB-25 connector does nothing in both AUTO and MAN mode.

I want also to modify the T/R circuit to enable QSK (I prefer CW at higher speeds). I would prefer also a fully automated operation (band switching and tuning).

I would highly appreciate if somebody can provide any info on mods needed to achieve the goal.

73,
Martin, OK1RR

422. Re : [harris-radio] RF-353 (AM7224/URC) amp - how to activate the PTT?

Yahoo group: harris-radio
Date: 2009-10-26 17:12:20 UTC
From: philippe gombert
Topic: 419 Message: 422

Hello,

Normally in MAN mod, if the HV is ON, when you make a strap beetween 6 pin and ground you active RX to TRX mod.

For automatic band switching, it is a big problem, because the RF350 Transceiver trnsmit and receive information from/to amplifier (the rf350 send to microprocessor of 7224 the band and the microprocessor of 7224 use an BCD to transform band select and after an BCD - parallel converter switch band,
After a SWR bridge anlyse FOR and REV power and send this information to motor capacitor adjustment.
A friend make a bande anlyzer, swr bridge and actually tried to resolve the code compatibility beetwen microprocessor of 7224 and band decoding.

Best regards

73's
Philippe

De : Martin <martin@...>
À : harris-radio@yahoogroups.com
Envoyé le : Lun 26 Octobre 2009, 17 h 47 min 02 s
Objet : [harris-radio] RF-353 (AM7224/URC) amp - how to activate the PTT?

I own a RF-353 (AM7224/URC) amp (it is the 1 kW version with 8877 tube) which I want to use with my TT Orion radio. My problem is that I can't find a way how to activate the PTT. The pin 6 on the XCVR DB-25 connector does nothing in both AUTO and MAN mode.

I want also to modify the T/R circuit to enable QSK (I prefer CW at higher speeds). I would prefer also a fully automated operation (band switching and tuning).

I would highly appreciate if somebody can provide any info on mods needed to achieve the goal.

73,
Martin, OK1RR

[Non-text portions of this message have been removed]

423. Re: Re : [harris-radio] RF-353 (AM7224/URC) amp - how to activate the PTT?

Yahoo group: harris-radio
Date: 2009-10-27 16:36:42 UTC
From: zilbershatz
Topic: 419 Message: 423

--- In harris-radio@yahoogroups.com, philippe gombert <philgievres@...> wrote:
>
> Hello,
>
> Normally in MAN mod, if the HV is ON, when you make a strap beetween 6 pin and ground you active RX to TRX mod.
>
> For automatic band switching, it is a big problem, because the RF350 Transceiver trnsmit and receive information from/to amplifier (the rf350 send to microprocessor of 7224 the band and the microprocessor of 7224 use an BCD to transform band select and after an BCD - parallel converter switch band,
> After a SWR bridge anlyse FOR and REV power and send this information to motor capacitor adjustment.
> A friend make a bande anlyzer, swr bridge and actually tried to resolve the code compatibility beetwen microprocessor of 7224 and band decoding.
>
> Best regards
>
> 73's
> Philippe
>
>
> _____
> De : Martin <martin@...>
> À : harris-radio@yahoogroups.com
> Envoyé le : Lun 26 Octobre 2009, 17 h 47 min 02 s
> Objet : [harris-radio] RF-353 (AM7224/URC) amp - how to activate the PTT?
>
>
> I own a RF-353 (AM7224/URC) amp (it is the 1 kW version with 8877 tube)
> which I want to use with my TT Orion radio. My problem is that I can't
> find a way how to activate the PTT. The pin 6 on the XCVR DB-25
> connector does nothing in both AUTO and MAN mode.
>
> I want also to modify the T/R circuit to enable QSK (I prefer CW at
> higher speeds). I would prefer also a fully automated operation (band
> switching and tuning).
>
> I would highly appreciate if somebody can provide any info on mods
> needed to achieve the goal.
>
> 73,
> Martin, OK1RR
>

>
>
>
>
>
> [Non-text portions of this message have been removed]
>

Hi !
I have done this with the RF110.
It is very much the same interface.
4z4rb

424. Re: Re : [harris-radio] RF-353 (AM7224/URC) amp - how to activate the PTT?

Yahoo group: harris-radio
Date: 2009-10-27 17:15:49 UTC
From: f1frv
Topic: 419 Message: 424

Hi Friends
On my RF-355 / AM-7223, without Harris transceiver, i have the same difficulties as Martin described.
Either in manual or automatic, there is mo reaction in shorting DB25 pin 6 (+5V) to ground.
No reaction neither of the pin 19 which is supposed to mute the transceiver when bands are changing, should be +5V in steady state and GND when bands are changing.

In the files, there is schematic of interface
which should works for PTT, but dont.....

73s de Dominique

--- In harris-radio@yahoogroups.com, "zilbershatz" <4z4rb1@...> wrote:
>
>
>
> --- In harris-radio@yahoogroups.com, philippe gombert <philgievres@> wrote:
> >
> > Hello,
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> > Normally in MAN mod, if the HV is ON, when you make a strap beetween 6 pin and ground you active RX to TRX mod.
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> > A friend make a bande anlyzer, swr bridge and actually tried to resolve the code compatibility beetwen microprocessor of 7224 and band decoding.
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> > Best regards
> >
> > 73's
> > Philippe
> >
> >
> > _____
> > De : Martin <martin@>
> > À : harris-radio@yahoogroups.com
> > Envoyé le : Lun 26 Octobre 2009, 17 h 47 min 02 s
> > Objet : [harris-radio] RF-353 (AM7224/URC) amp - how to activate the PTT?
> >

> >
> > I own a RF-353 (AM7224/URC) amp (it is the 1 kW version with 8877 tube)
> > which I want to use with my TT Orion radio. My problem is that I can't
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> > connector does nothing in both AUTO and MAN mode.
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> > I want also to modify the T/R circuit to enable QSK (I prefer CW at
> > higher speeds). I would prefer also a fully automated operation (band
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> > I would highly appreciate if somebody can provide any info on mods
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> > 73,
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> > [Non-text portions of this message have been removed]
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> Hi !
> I have done this with the RF110.
> It is very much the same interface.
> 4z4rb
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425. Re: Re : [harris-radio] RF-353 (AM7224/URC) amp - how to activate the PTT?

Yahoo group: harris-radio
Date: 2009-10-27 21:06:54 UTC
From: S C Marrow
Topic: 419 Message: 425

Had no problem keying my 355 and driving it with a 706. Just had to apply the 12vdc to one of the db25 connector pins to get the amp powered up & then used the Local Key toggle....seems that one should be able to duplicate the local key function after a little debugging / circuit tracing

----- Original Message -----
From: f1frv
To: harris-radio@yahoogroups.com
Sent: Tuesday, October 27, 2009 1:15 PM
Subject: Re: Re : [harris-radio] RF-353 (AM7224/URC) amp - how to activate the PTT?

Hi Friends
On my RF-355 / AM-7223, without Harris transceiver, i have the same difficulties as Martin described.
Either in manual or automatic, there is mo reaction in shorting DB25 pin 6 (+5V) to ground.
No reaction neither of the pin 19 which is supposed to mute the transceiver when bands are changing, should be +5V in steady state and GND when bands are changing.

In the files, there is schematic of interface
which should works for PTT, but dont.....

73s de Dominique

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> > _____
> > De : Martin <martin@>
> > À : harris-radio@yahoogroups.com
> > Envoyé le : Lun 26 Octobre 2009, 17 h 47 min 02 s
> > Objet : [harris-radio] RF-353 (AM7224/URC) amp - how to activate the PTT?
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> Hi !
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> It is very much the same interface.
> 4z4rb
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[Non-text portions of this message have been removed]

426. Re: Re : [harris-radio] RF-353 /355 amps - how to activate the PTT?

Yahoo group: harris-radio
Date: 2009-10-28 08:16:14 UTC
From: f1frv
Topic: 419 Message: 426

Hi S.C
the target here is to have this amp remote located, due to the huge fan noise (more than a huge vacuum cleaner).

it would be easy to hard wire the front panel ptt switch to somewhere on DB25, but this is of no use in automatic....

i already made an automatic band decoder, it is ok, but the remote ptt is the todays problem to solve.

73's de Dominique

Complete schematics are in the forum files

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> From: f1frv
> To: harris-radio@yahoogroups.com
> Sent: Tuesday, October 27, 2009 1:15 PM
> Subject: Re: Re : [harris-radio] RF-353 (AM7224/URC) amp - how to activate the PTT?
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> > > Envoyé le : Lun 26 Octobre 2009, 17 h 47 min 02 s
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> [Non-text portions of this message have been removed]
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427. Re : Re : [harris-radio] RF-353 /355 amps - how to activate the PTT?

Yahoo group: harris-radio
Date: 2009-10-28 17:44:29 UTC
From: philippe gombert
Topic: 419 Message: 427

Hello Dominique

J'essaye de me rappeller les bidouilles faites pour passer en TX/RX sans le RF350. Normalement le rf 350 envoi un +12v pour mettre l'ampli sous tension. Une fois que l'ampli est chaud (hv on est ok) il envoi un 0V sur la pin6 du db25 (il suffit de faire un cc avec la masse). Cette derniere info est prise en compte si on est en mode auto bienn sur.

De mémoire, le RF350 l'envoi un 0 volts sur la pin 6 du DB25, celuic-ci va à la pin 7 de la carte A6 micro, là il y a cela permet sur U28 (un latch 57ls373) de mettre enable input/output (OE de ce latch via l'entree D1 de celui-ci) il y a des strap... qui permettent de mettre cette entree (helas) toujours à 1 donc inactive....

Avez vous regardez de ce coté?

Philippe

De : f1frv <f1frv@free.fr>
À : harris-radio@yahoogroups.com
Envoyé le : Mer 28 Octobre 2009, 9 h 16 min 14 s
Objet : Re: Re : [harris-radio] RF-353 /355 amps - how to activate the PTT?

Hi S.C
the target here is to have this amp remote located, due to the huge fan noise (more than a huge vacuum cleaner).

it would be easy to hard wire the front panel ptt switch to somewhere on DB25, but this is of no use in automatic... .

i already made an automatic band decoder, it is ok, but the remote ptt is the todays problem to solve.

73's de Dominique

Complete schematics are in the forum files

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> ----- Original Message -----
> From: f1frv
> To: harris-radio@ yahoogroups. com
> Sent: Tuesday, October 27, 2009 1:15 PM
> Subject: Re: Re : [harris-radio] RF-353 (AM7224/URC) amp - how to activate the PTT?

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> Hi Friends
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> --- In harris-radio@ yahoogroups. com, "zilbershatz" <4z4rb1@> wrote:
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> > --- In harris-radio@ yahoogroups. com, philippe gombert <philgievres@ > wrote:
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> > > De : Martin <martin@>
> > > À : harris-radio@ yahoogroups. com
> > > Envoyé le : Lun 26 Octobre 2009, 17 h 47 min 02 s
> > > Objet : [harris-radio] RF-353 (AM7224/URC) amp - how to activate the PTT?
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428. Re : Re : [harris-radio] RF-353 /355 amps - how to activate the PTT?

Yahoo group: harris-radio
Date: 2009-10-28 19:23:29 UTC
From: philippe gombert
Topic: 419 Message: 428

Re bonsoir,

Je n'ai plus l'ampli devant les yeux.. Dommage, si je peux passer chez le frere lui en a un et je regarderai.
Sinon une solution hyper simple est d'utiliser un relay actionné par la PTT key de votre transceiver , ses contatcs seront mis en parallele avec le switch qui est en face avant.....

Salutations

Philippe F1ETA

De : f1frv <f1frv@...>
À : harris-radio@yahoogroups.com
Envoyé le : Mer 28 Octobre 2009, 9 h 16 min 14 s
Objet : Re: Re : [harris-radio] RF-353 /355 amps - how to activate the PTT?

Hi S.C
the target here is to have this amp remote located, due to the huge fan noise (more than a huge vacuum cleaner).

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> From: f1frv
> To: harris-radio@ yahoogroups. com
> Sent: Tuesday, October 27, 2009 1:15 PM
> Subject: Re: Re : [harris-radio] RF-353 (AM7224/URC) amp - how to activate the PTT?
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> > > Philippe
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> > > ___________ _________ _________ __
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> > > À : harris-radio@ yahoogroups. com
> > > Envoyé le : Lun 26 Octobre 2009, 17 h 47 min 02 s
> > > Objet : [harris-radio] RF-353 (AM7224/URC) amp - how to activate the PTT?
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> [Non-text portions of this message have been removed]
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429. Re: Re : Re : [harris-radio] RF-353 /355 amps - how to activate the PTT?

Yahoo group: harris-radio
Date: 2009-10-28 20:05:23 UTC
From: Martin
Topic: 419 Message: 429

Could I ask to use english? No doubt there are many readers whose french is rather poor...

Many thanks, merci

Martin, OK1RR

philippe gombert napsal(a):
> Hello Dominique
>
> J'essaye de me rappeller les bidouilles faites pour passer en TX/RX sans le RF350.
> Normalement le rf 350 envoi un +12v pour mettre l'ampli sous tension. Une fois que l'ampli est chaud (hv on est ok) il envoi un 0V sur la pin6 du db25 (il suffit de faire un cc avec la masse). Cette derniere info est prise en compte si on est en mode auto bienn sur.
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> [Non-text portions of this message have been removed]
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>

430. 4 Headed Cable That Fits Harris PRC-138-What is it For?

Yahoo group: harris-radio
Date: 2009-11-01 11:25:21 UTC
From: Leon S. Ciereszko III
Topic: 430 Message: 430

In my PRC-138 package (RT, amp, antenna, etc.), I got a cable that I can't figure out. It is about 20 feet long in total, has a 14 pin circular plug connector on one end that plugs into the front panel data connector (J2) marked "DATA" and "W1",that then split off in 2 stages. The first split after ~8 feet goes to a ~12 foot cable terminated in a DB-9 marked "PC COM" that will allow programming and control communications to the radio when the "DATA" connector is plugged into the radio. The other side goes for ~3 feet and then splits for ~1 foot into a 19 pin circular plug marked "SK B" that looks like it would plug into the 125W PA if it had a few of pins cut off. The other connector is a 6 pin circular plug marked "SK C" that coincidently (or not coincidentally) will plug into the "RADIO INTERFACE" jack of what appears to be a current issue Harris radio speaker. I don't want to hack the cable for connectors so I'm wondering if I can use this to remote the radio's audio and control.

Thanks,

Lee N4TCW/DA1TCW

431. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2009-11-04 19:11:24 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 431

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /RF-353 & RF-355 Ampifierss/! Harris Amps RF355_RF353 TX Semi-auto Interface rev4.pdf
Uploaded by : f1frv <f1frv@...>
Description : ! Harris Amps RF355_RF353 TX Semi-auto Interface rev4.pdf

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/RF-353%20%26%20RF-355%20Ampifierss/%21%20Harris%20Amps%20RF355_RF353%20TX%20Semi-auto%20Interface%20rev4.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/general.htmlfiles

Regards,

f1frv <f1frv@...>

432. RF HARRIS 382A

Yahoo group: harris-radio
Date: 2009-11-06 11:24:49 UTC
From: vk5abc
Topic: 432 Message: 432

Hello All
Does anyone here have a manual for the RF HARRIS 382A
antenna coupler. Has anyone got it working with a RF-350K?
73 Lee

433. Re: RF HARRIS 382A

Yahoo group: harris-radio
Date: 2009-11-06 20:27:59 UTC
From: f1frv
Topic: 432 Message: 433

sorry, i dont have what you are looking for.

but if your 350K is with the RF-355, why not try...
if you own the RF-353 amp, forget it....

pics and characteristics of RF-382A, 400W tuner are into the pics directory
see you
Dom

--- In harris-radio@yahoogroups.com, "vk5abc" <vk5abc@...> wrote:
>
> Hello All
> Does anyone here have a manual for the RF HARRIS 382A
> antenna coupler. Has anyone got it working with a RF-350K?
> 73 Lee
>

434. Re: [harris-radio] RF HARRIS 382A

Yahoo group: harris-radio
Date: 2009-11-07 16:36:53 UTC
From: Steve Sykes
Topic: 432 Message: 434

I am using one with an RF-350K, it works fine. If it is labeled
RF-382-02, you just need to make sure the switch S2 on the A3 board is
set to all closed.

Steve KD2OM

On 11/06/2009 06:24 AM, vk5abc wrote:
>
> Hello All
> Does anyone here have a manual for the RF HARRIS 382A
> antenna coupler. Has anyone got it working with a RF-350K?
> 73 Lee
>
>

[Non-text portions of this message have been removed]

435. RF-5020/5031 Serial Protocol?

Yahoo group: harris-radio
Date: 2009-11-09 00:25:03 UTC
From: W2HX
Topic: 435 Message: 435

Hi all,

Curious if anyone knows the details of the serial protocol used between the R/T (5020) and the PA (5031)? I see 3 lines that might be of interest between the exciter and the amp:

Pin A Hop Clock RS-232 Output
Pin B Data - 5 vdc or 0 vdc differential data
Pin C Data + 0 vdc or 5 vdc differential data

Anyone know what pins are used, how and what the protocols in use are? Is it bidirectional data or one way? I am thinking about trying to use another external exciter (also 100mw output) and feed in the band data and whatever else it might need. This is more of an academic interest, but I might try to build something to interface with it.

Thanks!

73 Eugene W2HX

436. Re: RF HARRIS 382A

Yahoo group: harris-radio
Date: 2009-11-09 02:15:06 UTC
From: vk5abc
Topic: 432 Message: 436

What sort of connector does the coupler? as I could not find a part number that I regonize.

Lee VK5ABC

--- In harris-radio@yahoogroups.com, Steve Sykes <stevesykes@...> wrote:
>
> I am using one with an RF-350K, it works fine. If it is labeled
> RF-382-02, you just need to make sure the switch S2 on the A3 board is
> set to all closed.
>
> Steve KD2OM
>
> On 11/06/2009 06:24 AM, vk5abc wrote:
> >
> > Hello All
> > Does anyone here have a manual for the RF HARRIS 382A
> > antenna coupler. Has anyone got it working with a RF-350K?
> > 73 Lee
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

437. Re: [harris-radio] Re: RF HARRIS 382A

Yahoo group: harris-radio
Date: 2009-11-10 01:33:04 UTC
From: Doug Smith
Topic: 432 Message: 437

The P/N for the matching connector is: MS3106A20-27P

I buy them from Mouser here in the USA. Here's a link:

http://www.mouser.com/ProductDetail/Amphenol-Industrial/MS3106A20-27P/?qs=sGAEpiMZZMsouWBhk9GE3Y7zyjojQK2IlgRSrcfKolQ%3d

Well, wordwrap probably killed that link. Here's the tinyurl version:

http://tinyurl.com/yhwumwe

73,
-Doug, W7KF

--- On Sun, 11/8/09, vk5abc <vk5abc@...> wrote:

From: vk5abc <vk5abc@optusnet.com.au>
Subject: [harris-radio] Re: RF HARRIS 382A
To: harris-radio@yahoogroups.com
Date: Sunday, November 8, 2009, 9:15 PM

What sort of connector does the coupler? as I could not find a part number that I regonize.

Lee VK5ABC

[Non-text portions of this message have been removed]

438. RF-5020 slots/digital voice?

Yahoo group: harris-radio
Date: 2009-11-14 05:07:18 UTC
From: W2HX
Topic: 438 Message: 438

Hi all, my RF-5020 has all slots filled except A3 and A9. I believe the two options that my radio does not have are Digital Voice and Encryption. Can anyone confirm that these two slots are used for those two features? If so, which feature would go in which slot?

Question 2: What is the nature of the harris digital voice? And the big question - If I had the card, is it usable on the ham bands? Let's just pretend that you're in the "yes digital voice can be legal under part 97" camp, i.e. referencing the Brain G4GUO and Talbot G4JNT paper in QEX. So if you buy their paper, would the harris digital voice work within the parameters that these two gents claim make DV ok in part 97? i.e. AMBE.

I should mention that I believe I have the 39 tone modem, not sure if that modem would be used for the DV. Any comments?

Thanks.

73 Eugene W2HX

[Non-text portions of this message have been removed]

439. Re: [harris-radio] RF-5020 slots/digital voice?

Yahoo group: harris-radio
Date: 2009-11-14 13:48:21 UTC
From: Joe Munson
Topic: 438 Message: 439

Hi Mark,

A3 is the RF 5120 AFC ALE controller, and A9 is the RF 5130 LPC or the Digital Voice board. If the other boards are installed, you have the 39 tone modem, the Hop board, and the RF 5121 ALE board.

Hope this helps,

Joe Munson
WA4VAG

[Non-text portions of this message have been removed]

440. Re: [harris-radio] RF-5020 slots/digital voice?

Yahoo group: harris-radio
Date: 2009-11-14 13:53:57 UTC
From: Joe Munson
Topic: 438 Message: 440

Mark,

I can not get an email to you. It bounced back. I was trying to send the board layout and description of the boards from the manual.

Joe Munson
WA4VAG

[Non-text portions of this message have been removed]

441. ?Digital? Audio Interference on Headset

Yahoo group: harris-radio
Date: 2009-11-14 16:20:58 UTC
From: Leon S. Ciereszko III
Topic: 441 Message: 441

I just got on Ebay a single muff headset that is marked on the headband "GENERAL DYNAMICS" and "40776G-01" (?part number?) with the PTT box marked "David Clark" "P/N 40865G-01", a quick disconnect marked "PULL TO UNPLUG" on each side, and a U-229 connector on the end. The audio is fine on RX and I get the sidetone on TX. The problem is that when I TX there is what sounds like digital processor noise on the sidetone and on the transmitted signal. I don't think RF is getting into the mic since I tried this with low power and a dummy load on the output of the radio. Running on a PRC-138. Any ideas? I hate to scrap it since it is in good shape otherwise and the headset that came with the radio has a dead mic.

Thanks,

Lee N4TCW/DA1TCW

442. RE: [harris-radio] RF-5020 slots/digital voice?

Yahoo group: harris-radio
Date: 2009-11-14 17:43:59 UTC
From: Roger Waldmiller
Topic: 438 Message: 442

HI W2HX
The A3 card is a AFC ale card and is an earlier ver. of the A5 ALE card.
You cannot have both installed in the unit . Either A3 or A5, but not both.
A3 does require software on the A6 card to be a certain level.
The encryption card is the A8B attached to the A8A interface bd. It is
basically audio band selection by a 12 digit key code.

Hope this helps.
Regards
k4alphapapa

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of W2HX
Sent: Saturday, November 14, 2009 12:07 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5020 slots/digital voice?

Hi all, my RF-5020 has all slots filled except A3 and A9. I believe the two
options that my radio does not have are Digital Voice and Encryption. Can
anyone confirm that these two slots are used for those two features? If so,
which feature would go in which slot?

Question 2: What is the nature of the harris digital voice? And the big
question - If I had the card, is it usable on the ham bands? Let's just
pretend that you're in the "yes digital voice can be legal under part 97"
camp, i.e. referencing the Brain G4GUO and Talbot G4JNT paper in QEX. So if
you buy their paper, would the harris digital voice work within the
parameters that these two gents claim make DV ok in part 97? i.e. AMBE.

I should mention that I believe I have the 39 tone modem, not sure if that
modem would be used for the DV. Any comments?

Thanks.

73 Eugene W2HX

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

443. Harris RF-3500B ARQ Terminal

Yahoo group: harris-radio
Date: 2009-11-14 23:49:02 UTC
From: Berndt Josef Wulf
Topic: 443 Message: 443

G'day,

does anyone have information and manuals for the Harris RF-3500B ARQ Terminal?
I would also be interested in any reviews and experience reports about this unit.

Many thanks in advance.

73, Berndt
VK5ABN

444. WTB: Harris RF-654 Antenna Multicoupler

Yahoo group: harris-radio
Date: 2009-11-14 23:49:12 UTC
From: Berndt Josef Wulf
Topic: 444 Message: 444

G'day,

please contact me if you have or know someone who has a Harris RF-654 antenna multicoupler for sale.

73, Berndt
VK5ABN

445. Alpha 2000 VHF Conversion to Ham Band

Yahoo group: harris-radio
Date: 2009-11-19 05:04:28 UTC
From: ve7fet
Topic: 445 Message: 445

Hello all,

So, I need some help from the Alpha 2000B guru(s).

I have a bunch (LOTS) of high-split VHF units that I am playing with.

I have been able to get the VCO's happy by swapping the loop filter boards around.

I can get the receiver to tune up fine (one of the slugs in the preselector is almost out of the can... but its still down around -118dB for 12db SINAD.

The problem I have is that I know that there are some changes to the exciter and PA that need to be made to lower the bandsplit... the manual shows the different part numbers... but the schematics and parts lists in the manuals I have only detail the high-split parts.

I can only get the exciter to make about 15dBm before it starts to oscillate... and the PA is real low with that input... but I know for sure the matching caps probably need to be changed.

Anyone got any ideas on how to make the TX in these things happy?

Programming the EPROMs isn't an issue for these units... they all use 2716's and I have a little utility that creates a .hex to blow into them... just need to take into account high or low side injection manually when figuring what to program.

Cheers!

Lee

446. Re: [harris-radio] Alpha 2000 VHF Conversion to Ham Band

Yahoo group: harris-radio
Date: 2009-11-19 14:58:13 UTC
From: Joel
Topic: 445 Message: 446

Hi Lee,

Roger is the fittest person to get this info from but, so give it a day or two, if he doesn't show up with it, I will look for what I got from him and forward it to you, it involves changing a few capacitors value on the RX 2400, EX 2700 boards.

I will the info in the meantime for you.

v44kai.....Joel.

----- Original Message -----
From: "ve7fet" <yahoogroups@...>
To: <harris-radio@yahoogroups.com>
Sent: Thursday, November 19, 2009 12:04 AM
Subject: [harris-radio] Alpha 2000 VHF Conversion to Ham Band

> Hello all,
>
> So, I need some help from the Alpha 2000B guru(s).
>
> I have a bunch (LOTS) of high-split VHF units that I am playing with.
>
> I have been able to get the VCO's happy by swapping the loop filter boards
> around.
>
> I can get the receiver to tune up fine (one of the slugs in the
> preselector is almost out of the can... but its still down around -118dB
> for 12db SINAD.
>
> The problem I have is that I know that there are some changes to the
> exciter and PA that need to be made to lower the bandsplit... the manual
> shows the different part numbers... but the schematics and parts lists in
> the manuals I have only detail the high-split parts.
>
> I can only get the exciter to make about 15dBm before it starts to
> oscillate... and the PA is real low with that input... but I know for sure
> the matching caps probably need to be changed.
>
> Anyone got any ideas on how to make the TX in these things happy?
>
> Programming the EPROMs isn't an issue for these units... they all use
> 2716's and I have a little utility that creates a .hex to blow into
> them... just need to take into account high or low side injection manually
> when figuring what to program.
>

>
> Cheers!
>
>
> Lee
>
>
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to
> get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.425 / Virus Database: 270.14.73/2513 - Release Date: 11/19/09
07:51:00

447. Re: [harris-radio] Alpha 2000 VHF Conversion to Ham Band

Yahoo group: harris-radio
Date: 2009-11-19 14:19:57 UTC
From: Rick Szajkowski
Topic: 445 Message: 447

Yes Roger is the person to talk to ... I have one of his moded radio phones
in repeater service and right now its playing the audio feed from NASA ...
and I still can hold the heat sink !!

On Thu, Nov 19, 2009 at 9:58 AM, Joel <v44kai@...> wrote:

>
>
> Hi Lee,
>
> Roger is the fittest person to get this info from but, so give it a day or
> two, if he doesn't show up with it, I will look for what I got from him and
>
> forward it to you, it involves changing a few capacitors value on the RX
> 2400, EX 2700 boards.
>
> I will the info in the meantime for you.
>
> v44kai.....Joel.
>
>
> ----- Original Message -----
> From: "ve7fet" <yahoogroups@...m <yahoogroups%40woldanski.com>>
> To: <harris-radio@yahoogroups.com <harris-radio%40yahoogroups.com>>
> Sent: Thursday, November 19, 2009 12:04 AM
> Subject: [harris-radio] Alpha 2000 VHF Conversion to Ham Band
>
> > Hello all,
> >
> > So, I need some help from the Alpha 2000B guru(s).
> >
> > I have a bunch (LOTS) of high-split VHF units that I am playing with.
> >
> > I have been able to get the VCO's happy by swapping the loop filter
> boards
> > around.
> >
> > I can get the receiver to tune up fine (one of the slugs in the
> > preselector is almost out of the can... but its still down around -118dB
> > for 12db SINAD.
> >
> > The problem I have is that I know that there are some changes to the
> > exciter and PA that need to be made to lower the bandsplit... the manual
> > shows the different part numbers... but the schematics and parts lists in
>

> > the manuals I have only detail the high-split parts.
> >
> > I can only get the exciter to make about 15dBm before it starts to
> > oscillate... and the PA is real low with that input... but I know for
> sure
> > the matching caps probably need to be changed.
> >
> > Anyone got any ideas on how to make the TX in these things happy?
> >
> > Programming the EPROMs isn't an issue for these units... they all use
> > 2716's and I have a little utility that creates a .hex to blow into
> > them... just need to take into account high or low side injection
> manually
> > when figuring what to program.
> >
> >
> > Cheers!
> >
> >
> > Lee
> >
> >
> >
> >
> >
> > ------------------------------------
>
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?
> > Do you need a domain name and don't want to pay a lot for it?
> > Does your IP change every day or even every hour? and you need a way to
> > get to you PC from outside your home or business?
> >
> > www.2mypc.netYahoo! Groups Links
> >
> >
> >
>
> ----------
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 8.5.425 / Virus Database: 270.14.73/2513 - Release Date: 11/19/09
> 07:51:00
>
>
>

[Non-text portions of this message have been removed]

448. RE: [harris-radio] Alpha 2000 VHF Conversion to Ham Band

Yahoo group: harris-radio
Date: 2009-11-19 14:59:06 UTC
From: Roger Waldmiller
Topic: 445 Message: 448

Hello Lee Ve7et
I seen your E mail and also Joel copied it also.
I can help with info on the Harris 2000 series units . I have converted many VHF and UHF to the ham bands as repeaters.
I will contact you directly with info,w/ many are attachments .

Regards
Roger
k4alphapapa
waldrgrmllr@...
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of ve7fet
Sent: Thursday, November 19, 2009 12:04 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Alpha 2000 VHF Conversion to Ham Band

Hello all,

So, I need some help from the Alpha 2000B guru(s).

I have a bunch (LOTS) of high-split VHF units that I am playing with.

I have been able to get the VCO's happy by swapping the loop filter boards around.

I can get the receiver to tune up fine (one of the slugs in the preselector is almost out of the can... but its still down around -118dB for 12db SINAD.

The problem I have is that I know that there are some changes to the exciter and PA that need to be made to lower the bandsplit... the manual shows the different part numbers... but the schematics and parts lists in the manuals I have only detail the high-split parts.

I can only get the exciter to make about 15dBm before it starts to oscillate... and the PA is real low with that input... but I know for sure the matching caps probably need to be changed.

Anyone got any ideas on how to make the TX in these things happy?

Programming the EPROMs isn't an issue for these units... they all use 2716's and I have a little utility that creates a .hex to blow into them... just need to take into account high or low side injection manually when figuring what to program.

Cheers!

Lee

[Non-text portions of this message have been removed]

449. RE: [harris-radio] Alpha 2000 VHF Conversion to Ham Band

Yahoo group: harris-radio
Date: 2009-11-19 15:03:11 UTC
From: Roger Waldmiller
Topic: 445 Message: 449

Hi again Joel.
OK I am in contact with Lee VE7ET
Roger

Roger waldmiller
waldrgrmllr@...
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Joel
Sent: Thursday, November 19, 2009 9:58 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Alpha 2000 VHF Conversion to Ham Band

Hi Lee,

Roger is the fittest person to get this info from but, so give it a day or two, if he doesn't show up with it, I will look for what I got from him and forward it to you, it involves changing a few capacitors value on the RX 2400, EX 2700 boards.

I will the info in the meantime for you.

v44kai.....Joel.

----- Original Message -----
From: "ve7fet" <yahoogroups@ <mailto:yahoogroups%40woldanski.com> woldanski.com>
To: <harris-radio@ <mailto:harris-radio%40yahoogroups.com> yahoogroups.com>
Sent: Thursday, November 19, 2009 12:04 AM
Subject: [harris-radio] Alpha 2000 VHF Conversion to Ham Band

> Hello all,
>
> So, I need some help from the Alpha 2000B guru(s).
>
> I have a bunch (LOTS) of high-split VHF units that I am playing with.
>
> I have been able to get the VCO's happy by swapping the loop filter boards

> around.
>
> I can get the receiver to tune up fine (one of the slugs in the
> preselector is almost out of the can... but its still down around -118dB
> for 12db SINAD.

>
> The problem I have is that I know that there are some changes to the
> exciter and PA that need to be made to lower the bandsplit... the manual
> shows the different part numbers... but the schematics and parts lists in
> the manuals I have only detail the high-split parts.
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> when figuring what to program.
>
>
> Cheers!
>
>
> Lee
>
>
>
>
>
> ---
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to
> get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.425 / Virus Database: 270.14.73/2513 - Release Date: 11/19/09
07:51:00

[Non-text portions of this message have been removed]

450. Re: [harris-radio] Alpha 2000 VHF Conversion to Ham Band

Yahoo group: harris-radio
Date: 2009-11-19 15:01:51 UTC
From: Rick Szajkowski
Topic: 445 Message: 450

Roger any way to put them in the files section ?

On Thu, Nov 19, 2009 at 9:59 AM, Roger Waldmiller <
waldrgrmllr@...> wrote:

>
>
> Hello Lee Ve7et
> I seen your E mail and also Joel copied it also.
> I can help with info on the Harris 2000 series units . I have converted
> many VHF and UHF to the ham bands as repeaters.
> I will contact you directly with info,w/ many are attachments .
>
> Regards
> Roger
> k4alphapapa
> waldrgrmllr@frontiernet.net <waldrgrmllr%40frontiernet.net>
> alphapapa 3200 2000
> Rochester, New York
>
>
>
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com <harris-radio%40yahoogroups.com>[mailto:
> harris-radio@yahoogroups.com <harris-radio%40yahoogroups.com>] On
> Behalf Of ve7fet
> Sent: Thursday, November 19, 2009 12:04 AM
> To: harris-radio@yahoogroups.com <harris-radio%40yahoogroups.com>
> Subject: [harris-radio] Alpha 2000 VHF Conversion to Ham Band
>
> Hello all,
>
> So, I need some help from the Alpha 2000B guru(s).
>
> I have a bunch (LOTS) of high-split VHF units that I am playing with.
>
> I have been able to get the VCO's happy by swapping the loop filter boards
> around.
>
> I can get the receiver to tune up fine (one of the slugs in the preselector
> is almost out of the can... but its still down around -118dB for 12db
> SINAD.
>
> The problem I have is that I know that there are some changes to the

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> and PA that need to be made to lower the bandsplit... the manual shows the
> different part numbers... but the schematics and parts lists in the manuals
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> I can only get the exciter to make about 15dBm before it starts to
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> the matching caps probably need to be changed.
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> Anyone got any ideas on how to make the TX in these things happy?
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> Programming the EPROMs isn't an issue for these units... they all use
> 2716's
> and I have a little utility that creates a .hex to blow into them... just
> need to take into account high or low side injection manually when figuring
> what to program.
>
> Cheers!
>
> Lee
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

451. RF-5022R/T

Yahoo group: harris-radio
Date: 2009-11-19 16:17:08 UTC
From: zilbershatz
Topic: 451 Message: 451

Hi All!
I am about finished with a few mods that I made to the 5022.
1)shaft encoder-tuning will be with a optical shaft encoder
in addition to the keyboard keys.
the encoder uses 256 p agilent encoder that results in 12.8 Kc per
revolution of knob.
2) FFT ssspectrum display +/- 16 Kc of central tuned frequencey for spectrum display +
transmit monitor.
all thhhese are through a small d connector at the back of front panel to a small box with
all mods.
Did anybody on the list did any mods to the radio?
I will post all diagrams and pictures when done,in a few days.
I would also like other members that had done any mods to this superb radio to share/
Thanks 4z4rb
Baruch

452. Re: [harris-radio] RF-5022R/T

Yahoo group: harris-radio
Date: 2009-11-19 16:41:16 UTC
From: dave
Topic: 451 Message: 452

hi baruch

where can i find info for these mods

dave k7da

zilbershatz wrote:
>
> Hi All!
> I am about finished with a few mods that I made to the 5022.
> 1)shaft encoder-tuning will be with a optical shaft encoder
> in addition to the keyboard keys.
> the encoder uses 256 p agilent encoder that results in 12.8 Kc per
> revolution of knob.
> 2) FFT ssspectrum display +/- 16 Kc of central tuned frequencey for
> spectrum display + transmit monitor.
> all thhhese are through a small d connector at the back of front panel
> to a small box with all mods.
> Did anybody on the list did any mods to the radio?
> I will post all diagrams and pictures when done,in a few days.
> I would also like other members that had done any mods to this superb
> radio to share/
> Thanks 4z4rb
> Baruch
>
> _

[Non-text portions of this message have been removed]

453. RE: [harris-radio] Alpha 2000 VHF Conversion to Ham Band

Yahoo group: harris-radio
Date: 2009-11-19 19:14:02 UTC
From: Roger Waldmiller
Topic: 445 Message: 453

Good idea , when I am done I'll will do so.
k4alphapapa

Roger alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of Rick Szajkowski
Sent: Thursday, November 19, 2009 10:02 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Alpha 2000 VHF Conversion to Ham Band

Roger any way to put them in the files section ?

On Thu, Nov 19, 2009 at 9:59 AM, Roger Waldmiller <
waldrgrmllr@...> wrote:

>
>
> Hello Lee Ve7et
> I seen your E mail and also Joel copied it also.
> I can help with info on the Harris 2000 series units . I have
> converted many VHF and UHF to the ham bands as repeaters. I will
> contact you directly with info,w/ many are attachments .
>
> Regards
> Roger
> k4alphapapa
> waldrgrmllr@... <waldrgrmllr%40frontiernet.net> alphapapa
> 3200 2000 Rochester, New York
>
>
>
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com
> <harris-radio%40yahoogroups.com>[mailto:
> harris-radio@yahoogroups.com <harris-radio%40yahoogroups.com>] On
> Behalf Of ve7fet
> Sent: Thursday, November 19, 2009 12:04 AM
> To: harris-radio@yahoogroups.com <harris-radio%40yahoogroups.com>
> Subject: [harris-radio] Alpha 2000 VHF Conversion to Ham Band
>
> Hello all,
>

> So, I need some help from the Alpha 2000B guru(s).
>
> I have a bunch (LOTS) of high-split VHF units that I am playing with.
>
> I have been able to get the VCO's happy by swapping the loop filter
> boards around.
>
> I can get the receiver to tune up fine (one of the slugs in the
> preselector is almost out of the can... but its still down around
> -118dB for 12db SINAD.
>
> The problem I have is that I know that there are some changes to the
> exciter and PA that need to be made to lower the bandsplit... the
> manual shows the different part numbers... but the schematics and
> parts lists in the manuals I have only detail the high-split parts.
>
> I can only get the exciter to make about 15dBm before it starts to
> oscillate... and the PA is real low with that input... but I know for
> sure the matching caps probably need to be changed.
>
> Anyone got any ideas on how to make the TX in these things happy?
>
> Programming the EPROMs isn't an issue for these units... they all use
> 2716's and I have a little utility that creates a .hex to blow into
> them... just need to take into account high or low side injection
> manually when figuring what to program.
>
> Cheers!
>
> Lee
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it? Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

454. Re: [harris-radio] Alpha 2000 VHF Conversion to Ham Band

Yahoo group: harris-radio
Date: 2009-11-19 20:21:05 UTC
From: Rick Szajkowski
Topic: 445 Message: 454

Thanks Roger ... .

I might need a new prom programmed .. I will know in the next couple of weeks ..

also might need a UHF repeater from you ... for an ARES project ..

Thanks for all your help in this group !

Rick-va3rzs
List owner

On Thu, Nov 19, 2009 at 2:14 PM, Roger Waldmiller <
waldrgrmllr@...> wrote:

>
>
> Good idea , when I am done I'll will do so.
> k4alphapapa
>
> Roger alphapapa 3200 2000
>
> Rochester, New York
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com <harris-radio%40yahoogroups.com>[mailto:
> harris-radio@yahoogroups.com <harris-radio%40yahoogroups.com>] On
> Behalf Of Rick Szajkowski
> Sent: Thursday, November 19, 2009 10:02 AM
> To: harris-radio@yahoogroups.com <harris-radio%40yahoogroups.com>
> Subject: Re: [harris-radio] Alpha 2000 VHF Conversion to Ham Band
>
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>
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> waldrgrmllr@... <waldrgrmllr%40frontiernet.net>> wrote:
>
> >
> >
> > Hello Lee Ve7et
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> > I can help with info on the Harris 2000 series units . I have
> > converted many VHF and UHF to the ham bands as repeaters. I will
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> >
> > Regards

> > Roger
> > k4alphapapa
> > waldrgrmllr@frontiernet.net <waldrgrmllr%40frontiernet.net><waldrgrmllr%
> 40frontiernet.net> alphapapa
> > 3200 2000 Rochester, New York
> >
> >
> >
> >
> > -----Original Message-----
> > From: harris-radio@yahoogroups.com <harris-radio%40yahoogroups.com>
> > <harris-radio%40yahoogroups.com>[mailto:
> > harris-radio@yahoogroups.com <harris-radio%40yahoogroups.com><harris-radio%
> 40yahoogroups.com>] On
> > Behalf Of ve7fet
> > Sent: Thursday, November 19, 2009 12:04 AM
> > To: harris-radio@yahoogroups.com <harris-radio%40yahoogroups.com><harris-radio%
> 40yahoogroups.com>
> > Subject: [harris-radio] Alpha 2000 VHF Conversion to Ham Band
> >
> > Hello all,
> >
> > So, I need some help from the Alpha 2000B guru(s).
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> > I have a bunch (LOTS) of high-split VHF units that I am playing with.
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> > I have been able to get the VCO's happy by swapping the loop filter
> > boards around.
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> > I can get the receiver to tune up fine (one of the slugs in the
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> > -118dB for 12db SINAD.
> >
> > The problem I have is that I know that there are some changes to the
> > exciter and PA that need to be made to lower the bandsplit... the
> > manual shows the different part numbers... but the schematics and
> > parts lists in the manuals I have only detail the high-split parts.
> >
> > I can only get the exciter to make about 15dBm before it starts to
> > oscillate... and the PA is real low with that input... but I know for
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> >
> > Anyone got any ideas on how to make the TX in these things happy?
> >
> > Programming the EPROMs isn't an issue for these units... they all use
> > 2716's and I have a little utility that creates a .hex to blow into
> > them... just need to take into account high or low side injection
> > manually when figuring what to program.
> >
> > Cheers!

> >
> > Lee
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it? Does your IP
> change every day or even every hour? and you need a way to get to you PC
> from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

455. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2009-11-27 18:45:22 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 455

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /HARRIS RF-281 & RF-339.part2.rar
Uploaded by : f1frv <f1frv@...>
Description : You need the 2 files to extract .....

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/HARRIS%20RF-281%20%26%20RF-339.part2.rar

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

f1frv <f1frv@...>

456. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2009-11-27 19:11:42 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 456

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /RF-353 & RF-355 Amplifiers/Harris Amp 500W RF-355 AM-7223_Operation
Manual.part2.rar
Uploaded by : f1frv <f1frv@...>
Description : 2 parts in same directory needed to extract...

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/RF-353%20%26%20RF-355%20Amplifiers/Harris
%20Amp%20500W%20RF-355%20AM-7223_Operation%20Manual.part2.rar

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

f1frv <f1frv@...>

457. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2009-11-27 19:16:41 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 457

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /RF-353 & RF-355 Amplifiers/Harris Amp 500W RF-355 AM-7223_Service Manual.part2.rar
Uploaded by : f1frv <f1frv@...>
Description : 2 parts in same directory needed to extract...

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/RF-353%20%26%20RF-355%20Amplifiers/Harris%20Amp%20500W%20RF-355%20AM-7223_Service%20Manual.part2.rar

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

f1frv <f1frv@...>

458. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2009-11-27 20:04:32 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 458

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /RF-353 & RF-355 Amplifiers/! Harris Amps RF355_RF353 TX Interface rev5.pdf
Uploaded by : f1frv <f1frv@...>
Description : How to use it...

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/RF-353%20%26%20RF-355%20Amplifiers/%21%20Harris%20Amps%20RF355_RF353%20TX%20%20Interface%20rev5.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

f1frv <f1frv@...>

459. RF-5020 manual?

Yahoo group: harris-radio
Date: 2009-11-29 15:37:31 UTC
From: W2HX
Topic: 459 Message: 459

Hi there. Anyone have a 5020 manual to sell? Maybe an operators manual as well as a service manual? Or maybe a PDF?

73 Eugene W2HX

[Non-text portions of this message have been removed]

460. FS (ot) HF MANPACKS PRC-174 Tadiran.

Yahoo group: harris-radio
Date: 2009-12-01 03:07:24 UTC
From: zilbershatz
Topic: 460 Message: 460

Hello all .A friend of mine got won a big surplus contract
and he asked me to help him with the items so I thought I might let you guys know before it will be posted on e-pay.
Here is a partial list of my friend's inventory
Collins Rockwell:
HF-8020
HF-8021
HF-8030
851S-1 4 units
PRC-174 many
PT-25A vhf/uhf Xciver (nice)
vrc-111
Ls-113/M113 amplified speaker(real nice)
There are more that I just did not list yet all are in a fair condition
Many special items and a lot of RF stuff as well (a lot)
He is not an electronics man so I help him with my back ground .
I list my items on ebay under my call 4z4rb .
Hope this helps.
Happy holliday!
please contact off list 4z4rb1@...

Baruch Zilbershatz

461. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2009-12-07 16:46:24 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 461

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /RF-353 & RF-355 Amplifiers/! Harris Amps Mods.pdf
Uploaded by : f1frv <f1frv@...>
Description : How to use these amps without the transceiver RT-1446

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/RF-353%20%26%20RF-355%20Amplifiers/%21%20Harris%20Amps%20Mods.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

f1frv <f1frv@...>

462. RF-301 Transceiver parts

Yahoo group: harris-radio
Date: 2009-12-07 21:26:07 UTC
From: scm325
Topic: 462 Message: 462

I'm looking for some parts for a 301 I'm trying to finish restoring.

If anybody has a parts donor unit, or one there parting out I could use a couple of boards from it. I need the Divider / Spectrum Generator & possibly the 455Kc Error Mixer Board. At the very least I need the Divider/Spectrum Generator

Thanks,
Steve
WD4GYN

463. Re: FS (ot) HF MANPACKS PRC-174 Tadiran.

Yahoo group: harris-radio
Date: 2009-12-12 16:18:16 UTC
From: vk5abc
Topic: 460 Message: 463

Hello Baruch
I would like some more information about HF-8020 HF-8021 and HF-8030
What is a VRC-111?

Lee

--- In harris-radio@yahoogroups.com, "zilbershatz" <4z4rb1@...> wrote:
>
>
> Hello all .A friend of mine got won a big surplus contract
> and he asked me to help him with the items so I thought I might let you guys know before it will be posted on e-pay.
> Here is a partial list of my friend's inventory
> Collins Rockwell:
> HF-8020
> HF-8021
> HF-8030
> 851S-1 4 units
> PRC-174 many
> PT-25A vhf/uhf Xciver (nice)
> vrc-111
> Ls-113/M113 amplified speaker(real nice)
> There are more that I just did not list yet all are in a fair condition
> Many special items and a lot of RF stuff as well (a lot)
> He is not an electronics man so I help him with my back ground .
> I list my items on ebay under my call 4z4rb .
> Hope this helps.
> Happy holliday!
> please contact off list 4z4rb1@...
>
> Baruch Zilbershatz
>

464. WTB RF-355 Amplifier

Yahoo group: harris-radio
Date: 2009-12-12 16:28:34 UTC
From: vk5abc
Topic: 243 Message: 464

Hello All

I am still looking for a Harris RF-355 500W rf amplifier, I don't care if it does not work but as long as it is complete and no broken parts.
If you have one for sale or know where there one for sale, please hollar.

The best of 73's Lee

465. HARRIS RF-601A antenna coupler

Yahoo group: harris-radio
Date: 2009-12-13 15:30:25 UTC
From: f1frv
Topic: 465 Message: 465

Hi friends
i am looking for every information about it:
operating manual, service manual, or at least, connections to use it without harris transceiver.
tnx in advance
73's de dominique

466. RF-2301 Manual

Yahoo group: harris-radio
Date: 2009-12-15 02:34:17 UTC
From: scm325
Topic: 466 Message: 466

Looking for the manual for a 2301, acopy of same, or an electronic version. Any & all assistance greatly appreciated.

Steve
WD4GYN

467. Data Cable Needed For RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2009-12-19 16:26:19 UTC
From: r390b
Topic: 467 Message: 467

I have an RF-5022 and need a data cable, or at least the pinouts for building an RS-232 cable. Apparently it's not as simple as the PRC-138 -- or maybe it is, but I don't have a full set of manuals. Need to connect to the computer to fill ALE and other channel lists.

Thanks in advance Have a... Merry Christmas, Cool Yule, Feliz Navidad, etc Tom Norris NU4G Tennessee, USA

[Non-text portions of this message have been removed]

468. [Fwd: Re: [harris-radio] Data Cable Needed For RF-5022R/T(E)]

Yahoo group: harris-radio
Date: 2009-12-20 14:32:15 UTC
From: Steve Sykes
Topic: 468 Message: 468

Tom,
Pin B of J5 is RX
Pin C of J5 is TX
Pin J of J5 is GND

Steve KD2OM

r390b wrote:

I have an RF-5022 and need a data cable, or at least the pinouts for building an RS-232 cable. Apparently it's not as simple as the PRC-138 -- or maybe it is, but I don't have a full set of manuals. Need to connect to the computer to fill ALE and other channel lists.

Thanks in advance Have a... Merry Christmas, Cool Yule, Feliz Navidad, etc Tom Norris NU4G Tennessee, USA

469. Schematic or Service Manual for RF-3200

Yahoo group: harris-radio
Date: 2009-12-20 18:34:30 UTC
From: Tjerk
Topic: 469 Message: 469

I am looking for a schematic or Service Manual for a RF-3200

--
73
Tjerk ZS6P

" To discover that the things we have in common are greater than the things that divide us".

470. RE: [Fwd: Re: [harris-radio] Data Cable Needed For RF-5022R/T(E)]

Yahoo group: harris-radio
Date: 2009-12-21 02:42:45 UTC
From: W2HX
Topic: 468 Message: 470

Steve and Tom. I do not have a manual for the 5022, but my 5020 manual shows the following on J5 for async data (RS-232)

R - Tx
V - Rx
H - RTS
B - CTS
M - GND
K - Receive Level Sense (no idea what that could mean)

Could the 5020 really be so different than the 5022 in the area of connections? Very interesting!

73 Eugene W2HX

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Steve Sykes
Sent: Sunday, December 20, 2009 9:32 AM
To: harris-radio@yahoogroups.com
Subject: [Fwd: Re: [harris-radio] Data Cable Needed For RF-5022R/T(E)]

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Pin J of J5 is GND

Steve KD2OM

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Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

471. Re: [Fwd: Re: [harris-radio] Data Cable Needed For RF-5022R/T(E)]

Yahoo group: harris-radio
Date: 2009-12-22 22:05:14 UTC
From: waldrgrmllr@frontiernet.net
Topic: 468 Message: 471

hi
Beware, the 5020 and the 5022 have different J5 connectors. I do not have a print on either but I know they are different. One is 19 contacts (5020) and the 5022 is 26 contacts. For the Pc remote I do not know if the contacts are the same designation. Definitly would need the manual to confirm that. Harris Product Service has both. Contact Tim Nellist.

Regards
k4alphapapa
Roger w
waldrgrmllr@...

----- Original Message -----
From: "W2HX" <w2hx@...>
To: harris-radio@yahoogroups.com
Sent: Sunday, December 20, 2009 9:42:45 PM GMT -05:00 US/Canada Eastern
Subject: RE: [Fwd: Re: [harris-radio] Data Cable Needed For RF-5022R/T(E)]

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Behalf Of Steve Sykes
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To: harris-radio@yahoogroups.com
Subject: [Fwd: Re: [harris-radio] Data Cable Needed For RF-5022R/T(E)]

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Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

472. Re: Schematic or Service Manual for RF-3200

Yahoo group: harris-radio
Date: 2009-12-22 22:41:34 UTC
From: k4alphapapa
Topic: 469 Message: 472

Hi Tjerk ZS6P
I may be able to help you.
I will need to know the following:
Is the unit a 3200 or a 3200 E????
The 3200 has a bluish display 7 segement display and the 3200E has a LCD display black readouy.

Also what is the electronic serial number and firmware in the unit.??
To find s/n and FIRMWARE in the old 3200.....press the # button once for the the firmare rev and again for the s/n. For the 3200E press the "INFO" button

contact me directly "waldrgrmllr@..."

Regard
Roger W
k4alphapapa
waldrgrmllr@...
Rochester NY USA

--- In harris-radio@yahoogroups.com, Tjerk <zs6p@...> wrote:
>
> I am looking for a schematic or Service Manual for a RF-3200
>
> --
> 73
> Tjerk ZS6P
>
> " To discover that the things we have in common are greater than the things that divide us".
>

473. RE: [Fwd: Re: [harris-radio] Data Cable Needed For RF-5022R/T(E)]

Yahoo group: harris-radio
Date: 2009-12-23 00:44:40 UTC
From: W2HX
Topic: 468 Message: 473

Aah. That would explain it.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of waldrgrmllr@...
Sent: Tuesday, December 22, 2009 5:05 PM
To: harris-radio@yahoogroups.com
Subject: Re: [Fwd: Re: [harris-radio] Data Cable Needed For RF-5022R/T(E)]

hi
Beware, the 5020 and the 5022 have different J5 connectors. I do not have a print on either but I know they are different. One is 19 contacts (5020) and the 5022 is 26 contacts. For the Pc remote I do not know if the contacts are the same designation. Definitly would need the manual to confirm that. Harris Product Service has both. Contact Tim Nellist.

Regards
k4alphapapa
Roger w
waldrgrmllr@... <mailto:waldrgrmllr%40frontiernet.net>

----- Original Message -----
From: "W2HX" <w2hx@... <mailto:w2hx%40w2hx.com> >
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Sent: Sunday, December 20, 2009 9:42:45 PM GMT -05:00 US/Canada Eastern
Subject: RE: [Fwd: Re: [harris-radio] Data Cable Needed For RF-5022R/T(E)]

Steve and Tom. I do not have a manual for the 5022, but my 5020 manual
shows the following on J5 for async data (RS-232)

R - Tx
V - Rx
H - RTS
B - CTS
M - GND
K - Receive Level Sense (no idea what that could mean)

Could the 5020 really be so different than the 5022 in the area of
connections? Very interesting!

73 Eugene W2HX

-----Original Message-----
From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com> [mailto:harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>] On Behalf Of Steve Sykes
Sent: Sunday, December 20, 2009 9:32 AM

To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Subject: [Fwd: Re: [harris-radio] Data Cable Needed For RF-5022R/T(E)]

Tom,
Pin B of J5 is RX
Pin C of J5 is TX
Pin J of J5 is GND

Steve KD2OM

r390b wrote:

I have an RF-5022 and need a data cable, or at least the pinouts for building an RS-232 cable. Apparently it's not as simple as the PRC-138 -- or maybe it is, but I don't have a full set of manuals. Need to connect to the computer to fill ALE and other channel lists.

Thanks in advance Have a... Merry Christmas, Cool Yule, Feliz Navidad, etc Tom Norris NU4G Tennessee, USA

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

[Non-text portions of this message have been removed]

474. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2009-12-24 18:13:36 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 474

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /rf3200_operator_card.pdf
Uploaded by : ve7fet <yahoogroups@...>
Description : RF-3200 Operators Card

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/rf3200_operator_card.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

ve7fet <yahoogroups@...>

475. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2009-12-24 18:14:01 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 475

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /rf3236_power_supply.pdf
Uploaded by : ve7fet <yahoogroups@...>
Description : RF-3236 Power Supply Schematic

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/rf3236_power_supply.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

ve7fet <yahoogroups@...>

476. RF-110A/AM-3924 A6 board?

Yahoo group: harris-radio
Date: 2009-12-29 04:37:29 UTC
From: W2HX
Topic: 476 Message: 476

Hello all,

It's been well over a year that I've been troubleshooting a bias supply problem in my harris amp. I am seeking help locating a spare A6 board and/or an extender card for the board. The last 12 months of troubleshooting has been very very slow having to take the card in/out a hundred times to check conditions for each component.

Since there were many versions of these amps made, I am listing here some photos of the board I am seeking.

http://www.w2hx.com/x/AM-3924/IMG_3018.JPG

http://www.w2hx.com/x/AM-3924/IMG_3015.JPG

and here is a close up of the card edge which shows 3 keyways.

http://www.w2hx.com/x/AM-3924/IMG_3017.JPG

Any help would be GREATLY appreciated.

73 Eugene W2HX

[Non-text portions of this message have been removed]

477. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2009-12-30 09:35:54 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 477

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /Receiver R-2368 Manual/Harris R-2368.part6.rar
Uploaded by : f1frv <f1frv@...>
Description : All 6 files necessary to "unzip"

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/Receiver%20R-2368%20Manual/Harris%20R-2368.part6.rar

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

f1frv <f1frv@...>

478. RF-590 noise blanker

Yahoo group: harris-radio
Date: 2009-12-30 11:33:06 UTC
From: vk5abc
Topic: 478 Message: 478

Hello All
Does anyone here have a circuit for the R-590/590A noise blanker?

Lee

479. Re: RF-110A/AM-3924 A6 board?

Yahoo group: harris-radio
Date: 2009-12-30 12:02:00 UTC
From: f1frv
Topic: 476 Message: 479

Hi
I suppose you already have the manual... if not, it is available here:
http://bama.edebris.com/manuals/harris/rf110a
73's de dominique
web site: http://f1frv.free.fr

--- In harris-radio@yahoogroups.com, "W2HX" <w2hx@...> wrote:
>
> Hello all,
>
>
>
> It's been well over a year that I've been troubleshooting a bias supply
> problem in my harris amp. I am seeking help locating a spare A6 board
> and/or an extender card for the board. The last 12 months of
> troubleshooting has been very very slow having to take the card in/out a
> hundred times to check conditions for each component.
>
>
>
> Since there were many versions of these amps made, I am listing here some
> photos of the board I am seeking.
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>
>
> http://www.w2hx.com/x/AM-3924/IMG_3018.JPG
>
> http://www.w2hx.com/x/AM-3924/IMG_3015.JPG
>
>
>
> and here is a close up of the card edge which shows 3 keyways.
>
> http://www.w2hx.com/x/AM-3924/IMG_3017.JPG
>
>
>
> Any help would be GREATLY appreciated.
>
>
>
> 73 Eugene W2HX
>
>
>

>
>
> [Non-text portions of this message have been removed]
>

480. RE: [harris-radio] Re: RF-110A/AM-3924 A6 board?

Yahoo group: harris-radio
Date: 2009-12-30 13:59:47 UTC
From: W2HX
Topic: 476 Message: 480

Hi there. Yes, thank you. I have about 4 different manuals. I have been using them to troubleshoot for about a year. And I'm flat tired of it!

thanks

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of f1frv
Sent: Wednesday, December 30, 2009 7:02 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-110A/AM-3924 A6 board?

Hi
I suppose you already have the manual... if not, it is available here:
http://bama.edebris.com/manuals/harris/rf110a
73's de dominique
web site: http://f1frv.free.fr

--- In harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
, "W2HX" <w2hx@...> wrote:
>
> Hello all,
>
>
>
> It's been well over a year that I've been troubleshooting a bias supply
> problem in my harris amp. I am seeking help locating a spare A6 board
> and/or an extender card for the board. The last 12 months of
> troubleshooting has been very very slow having to take the card in/out a
> hundred times to check conditions for each component.
>
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>
> Since there were many versions of these amps made, I am listing here some
> photos of the board I am seeking.
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> http://www.w2hx.com/x/AM-3924/IMG_3018.JPG
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> http://www.w2hx.com/x/AM-3924/IMG_3015.JPG
>
>
>
> and here is a close up of the card edge which shows 3 keyways.

>
> http://www.w2hx.com/x/AM-3924/IMG_3017.JPG
>
>
>
> Any help would be GREATLY appreciated.
>
>
>
> 73 Eugene W2HX
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

481. RF-230S cables/connector wanted--maybe a couple of tips as well.

Yahoo group: harris-radio
Date: 2009-12-31 00:24:31 UTC
From: Earl
Topic: 481 Message: 481

Hello Earl VE3Ab up in Elliot Lake ontario here. I was given an RF-230S with a manual for the RF230. I have tried to receive some signals but to no avail. I have heard very lightly an rf signal from my signal generator on the IF freq and on the 70ish mhz range where there is a roofing filter or some sort of high frequency IF.
I would like to use this harris transciever much like a ham radio transceiver. I think right now..the receiver may be muted. I wonder if I could/should get the ribbon cables that run from the power supply to the main rf deck. Also..I most certainly need a front panel connector so I can hook up a mic and maybe a control switch or something.
I did 'key" the tranmitter from the key line on the back.
Is there a "simple" mode or "manual mode" where you just punch the frequency in using the switches or do you have to "program' the logic and memory in this radio.
Any tips would be appreciated. I have been reading the manual but it is not specific to the RF-230S. It is more for the channelized earlier modeils.
Earl

482. Link for Harris manuals

Yahoo group: harris-radio
Date: 2010-01-08 11:06:08 UTC
From: f1frv
Topic: 482 Message: 482

Happy new year to all HARRIS fans.

A link with some service and user manuals
not only for Harris, if you go back one level.....

http://www.ko4bb.com/cgi-bin/manuals.pl?dir=Harris

73's de dominique
web site: http://f1frv.free.fr

perhaps this year our yahoo forum will have a HARRIS logo picture.....

483. RF-1310 Exciter & top-band

Yahoo group: harris-radio
Date: 2010-01-10 15:34:30 UTC
From: pa3fun
Topic: 483 Message: 483

Hi All,
I'd like to use my Harris RF-130A station to work on top-band.
The RF-130 station comprises the RF-590 RX, RF-1310 exciter, RF-110A Amplifier and RF-124 230V Power supply.
The Amplifier (RF-110A, 1kW) can quite easily be tuned downwards so that the 2.0-2.5Mc segment covers top-band. The RF-1310 exciter however seems only capable of producing signals in the 2-30Mc range, even though the docs I have suggest it should cover the 499Kc-30Mc range.
Are there any subscribers to the list who can give me some feedback on this issue? Anyone aware of RF-1310's capable of doing this 499Kc-30Mc range? Could it be a firmware issue, meaning my RF-1310 is restricted to 2-30Mc because of the limitations of the accompanying Amplifier?
Any help appreciated!
73's Christiaan PA3FUN

484. Re: [harris-radio] Link for Harris manuals

Yahoo group: harris-radio
Date: 2010-01-10 22:45:28 UTC
From: Brooke Clarke
Topic: 482 Message: 484

Hi dominique:

The service manual is missing pages from the TOC.

Have Fun,

Brooke Clarke
http://www.PRC68.com

f1frv wrote:
> Happy new year to all HARRIS fans.
>
> A link with some service and user manuals
> not only for Harris, if you go back one level.....
>
> http://www.ko4bb.com/cgi-bin/manuals.pl?dir=Harris
>
> 73's de dominique
> web site: http://f1frv.free.fr
>
> perhaps this year our yahoo forum will have a HARRIS logo picture.....
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC
from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
>
>

485. RE: [harris-radio] Link for Harris manuals

Yahoo group: harris-radio
Date: 2010-01-11 15:21:14 UTC
From: Roger Waldmiller
Topic: 482 Message: 485

Hi Brook Clarke:
Which manual???

k4alphapapa
Roger
waldrgrmllr@...
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Brooke Clarke
Sent: Sunday, January 10, 2010 5:45 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Link for Harris manuals

Hi dominique:

The service manual is missing pages from the TOC.

Have Fun,

Brooke Clarke
http://www.PRC68. <http://www.PRC68.com> com

f1frv wrote:
> Happy new year to all HARRIS fans.
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> A link with some service and user manuals
> not only for Harris, if you go back one level.....
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> http://www.ko4bb. <http://www.ko4bb.com/cgi-bin/manuals.pl?dir=Harris>
com/cgi-bin/manuals.pl?dir=Harris
>
> 73's de dominique
> web site: http://f1frv. <http://f1frv.free.fr> free.fr
>
> perhaps this year our yahoo forum will have a HARRIS logo picture.....
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?

> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
>
>

[Non-text portions of this message have been removed]

486. Harris RF-550 Manual

Yahoo group: harris-radio
Date: 2010-01-12 01:57:39 UTC
From: Jim Karlow
Topic: 482 Message: 486

Harris Radio Group Members-

I have been sent a Harris RF-550 radio for repair. It has been many years since I last serviced one and I can no longer seem to put my hands on the book. Does anyone have a copy of the RF-550 service manual in either a printed or .pdf file format that I could buy/borrow/copy to replace mine?

Please let me know.

Thanks

Jim Karlow
KA8TUR

--- On Mon, 1/11/10, Roger Waldmiller <waldrgrmllr@frontiernet.net> wrote:

From: Roger Waldmiller <waldrgrmllr@...t>
Subject: RE: [harris-radio] Link for Harris manuals
To: harris-radio@yahoogroups.com
Date: Monday, January 11, 2010, 10:21 AM

Hi Brook Clarke:
Which manual???

k4alphapapa
Roger
waldrgrmllr@ frontiernet. net
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@ yahoogroups. com [mailto:harris-radio@ yahoogroups. com] On Behalf Of Brooke Clarke
Sent: Sunday, January 10, 2010 5:45 PM
To: harris-radio@ yahoogroups. com
Subject: Re: [harris-radio] Link for Harris manuals

Hi dominique:

The service manual is missing pages from the TOC.

Have Fun,

Brooke Clarke
http://www.PRC68. <http://www.PRC68. com> com

f1frv wrote:
> Happy new year to all HARRIS fans.

>
> A link with some service and user manuals
> not only for Harris, if you go back one level.....
>
> http://www.ko4bb. <http://www.ko4bb. com/cgi-bin/ manuals.pl? dir=Harris>
com/cgi-bin/ manuals.pl? dir=Harris
>
> 73's de dominique
> web site: http://f1frv. <http://f1frv. free.fr> free.fr
>
> perhaps this year our yahoo forum will have a HARRIS logo picture.....
>
>
>
> ---------- --------- --------- ------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to
get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

487. Re: [harris-radio] Link for Harris manuals

Yahoo group: harris-radio
Date: 2010-01-12 04:14:05 UTC
From: Brooke Clarke
Topic: 482 Message: 487

Hi Roger:

HarrisRF-3200_Service_Manual.pdf
The TOC jumps from page iii to page vi, i.e. it's missing iv and v.

Have Fun,

Brooke Clarke
http://www.PRC68.com

Roger Waldmiller wrote:
> Hi Brook Clarke:
> Which manual???
>
> k4alphapapa
> Roger
> waldrgrmllr@...
> alphapapa 3200 2000
> Rochester, New York
>
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Brooke Clarke
> Sent: Sunday, January 10, 2010 5:45 PM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] Link for Harris manuals
>
>
>
>
> Hi dominique:
>
> The service manual is missing pages from the TOC.
>
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.<http://www.PRC68.com> com
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> f1frv wrote:
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>> A link with some service and user manuals
>> not only for Harris, if you go back one level.....

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>> http://www.ko4bb.<http://www.ko4bb.com/cgi-bin/manuals.pl?dir=Harris>
>>
> com/cgi-bin/manuals.pl?dir=Harris
>
>> 73's de dominique
>> web site: http://f1frv.<http://f1frv.free.fr> free.fr
>>
>> perhaps this year our yahoo forum will have a HARRIS logo picture.....
>>
>>
>>
>> ------------------------------------
>>
>> This Group Brought to you by 2mypc
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>> Are you with an ISP that gives you a dynamic IP?
>> Do you need a domain name and don't want to pay a lot for it?
>> Does your IP change every day or even every hour? and you need a way to
>>
> get to you PC from outside your home or business?
>
>> www.2mypc.netYahoo! Groups Links
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>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
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> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
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from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>

>
>
>
>

488. RE: [harris-radio] Link for Harris manuals

Yahoo group: harris-radio
Date: 2010-01-12 14:32:19 UTC
From: Roger Waldmiller
Topic: 482 Message: 488

Hi Brooke:
OK
I also have that manual and can supply those missing pages iv & v if any one is interested.

k4alphapapa
Roger
waldrgrmllr@...
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Brooke Clarke
Sent: Monday, January 11, 2010 11:14 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Link for Harris manuals

Hi Roger:

HarrisRF-3200_Service_Manual.pdf
The TOC jumps from page iii to page vi, i.e. it's missing iv and v.

Have Fun,

Brooke Clarke
http://www.PRC68. <http://www.PRC68.com> com

Roger Waldmiller wrote:
> Hi Brook Clarke:
> Which manual???
>
> k4alphapapa
> Roger
> waldrgrmllr@ <mailto:waldrgrmllr%40frontiernet.net> frontiernet.net
> alphapapa 3200 2000
> Rochester, New York
>
>
> -----Original Message-----
> From: harris-radio@ <mailto:harris-radio%40yahoogroups.com> yahoogroups.com [mailto:harris-radio@ <mailto:harris-radio%40yahoogroups.com> yahoogroups.com] On
> Behalf Of Brooke Clarke
> Sent: Sunday, January 10, 2010 5:45 PM
> To: harris-radio@ <mailto:harris-radio%40yahoogroups.com> yahoogroups.com
> Subject: Re: [harris-radio] Link for Harris manuals

>
>
>
>
> Hi dominique:
>
> The service manual is missing pages from the TOC.
>
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.<http://www.PRC68. <http://www.PRC68.com> com> com
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> f1frv wrote:
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>> A link with some service and user manuals
>> not only for Harris, if you go back one level.....
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<http://www.ko4bb.com/cgi-bin/manuals.pl?dir=Harris>
com/cgi-bin/manuals.pl?dir=Harris>
>>
> com/cgi-bin/manuals.pl?dir=Harris
>
>> 73's de dominique
>> web site: http://f1frv.<http://f1frv. <http://f1frv.free.fr> free.fr>
free.fr
>>
>> perhaps this year our yahoo forum will have a HARRIS logo picture.....
>>
>>
>>
>> ---
>>
>> This Group Brought to you by 2mypc
>>
>> Are you with an ISP that gives you a dynamic IP?
>> Do you need a domain name and don't want to pay a lot for it?
>> Does your IP change every day or even every hour? and you need a way to
>>
> get to you PC from outside your home or business?
>
>> www.2mypc.netYahoo! Groups Links
>>
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>
> [Non-text portions of this message have been removed]
>
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>
> ----------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to
get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
>
>

[Non-text portions of this message have been removed]

489. Re: [harris-radio] Link for Harris manuals

Yahoo group: harris-radio
Date: 2010-01-12 14:53:58 UTC
From: Brooke Clarke
Topic: 482 Message: 489

Hi Roger:

Would you just email the pages to me and I'll add them.

Have Fun,

Brooke Clarke
http://www.PRC68.com

Roger Waldmiller wrote:
> Hi Brooke:
> OK
> I also have that manual and can supply those missing pages iv& v if any
> one is interested.
>
> k4alphapapa
> Roger
> waldrgrmllr@...
> alphapapa 3200 2000
> Rochester, New York
>
>
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Brooke Clarke
> Sent: Monday, January 11, 2010 11:14 PM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] Link for Harris manuals
>
>
>
>
> Hi Roger:
>
> HarrisRF-3200_Service_Manual.pdf
> The TOC jumps from page iii to page vi, i.e. it's missing iv and v.
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> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.<http://www.PRC68.com> com
>
> Roger Waldmiller wrote:
>
>> Hi Brook Clarke:

>> Which manual???
>>
>> k4alphapapa
>> Roger
>> waldrgrmllr@<mailto:waldrgrmllr%40frontiernet.net> frontiernet.net
>> alphapapa 3200 2000
>> Rochester, New York
>>
>>
>> -----Original Message-----
>> From: harris-radio@<mailto:harris-radio%40yahoogroups.com>
>>
> yahoogroups.com [mailto:harris-radio@
> <mailto:harris-radio%40yahoogroups.com> yahoogroups.com] On
>
>> Behalf Of Brooke Clarke
>> Sent: Sunday, January 10, 2010 5:45 PM
>> To: harris-radio@<mailto:harris-radio%40yahoogroups.com> yahoogroups.com
>> Subject: Re: [harris-radio] Link for Harris manuals
>>
>>
>>
>>
>> Hi dominique:
>>
>> The service manual is missing pages from the TOC.
>>
>> Have Fun,
>>
>> Brooke Clarke
>> http://www.PRC68.<http://www.PRC68.<http://www.PRC68.com> com> com
>>
>> f1frv wrote:
>>
>>
>>> Happy new year to all HARRIS fans.
>>>
>>> A link with some service and user manuals
>>> not only for Harris, if you go back one level.....
>>>
>>> http://www.ko4bb.<http://www.ko4bb.
>>>
> <http://www.ko4bb.com/cgi-bin/manuals.pl?dir=Harris>
> com/cgi-bin/manuals.pl?dir=Harris>
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>> com/cgi-bin/manuals.pl?dir=Harris
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>>> 73's de dominique

>>> web site: http://f1frv.<http://f1frv.<http://f1frv.free.fr> free.fr>
>>>
> free.fr
>
>>> perhaps this year our yahoo forum will have a HARRIS logo picture.....
>>>
>>>
>>>
>>> ------------------------------------
>>>
>>> This Group Brought to you by 2mypc
>>>
>>> Are you with an ISP that gives you a dynamic IP?
>>> Do you need a domain name and don't want to pay a lot for it?
>>> Does your IP change every day or even every hour? and you need a way to
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490. Re: [harris-radio] Link for Harris manuals

Yahoo group: harris-radio
Date: 2010-01-12 14:54:31 UTC
From: Brooke Clarke
Topic: 482 Message: 490

Hi Roger:

Would you just email the pages to me and I'll add them.
http://www.prc68.com/I/RF3200ET.shtml

Have Fun,

Brooke Clarke
http://www.PRC68.com

Roger Waldmiller wrote:
> Hi Brooke:
> OK
> I also have that manual and can supply those missing pages iv& v if any
> one is interested.
>
> k4alphapapa
> Roger
> waldrgrmllr@...
> alphapapa 3200 2000
> Rochester, New York
>
>
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Brooke Clarke
> Sent: Monday, January 11, 2010 11:14 PM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] Link for Harris manuals
>
>
>
>
> Hi Roger:
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> HarrisRF-3200_Service_Manual.pdf
> The TOC jumps from page iii to page vi, i.e. it's missing iv and v.
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> Have Fun,
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> Brooke Clarke
> http://www.PRC68.<http://www.PRC68.com> com
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> Roger Waldmiller wrote:
>

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>> Roger
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491. Re: Link for Harris manuals

Yahoo group: harris-radio
Date: 2010-01-12 18:32:05 UTC
From: f1frv
Topic: 482 Message: 491

hi friends
What would be more interresting for the COMMUNITY
would be to place the missing pages in the forum files....

sharing info is not a desease.....

73's de dominique

--- In harris-radio@yahoogroups.com, Brooke Clarke <brooke@...> wrote:
>
> Hi Roger:
>
> Would you just email the pages to me and I'll add them.
> http://www.prc68.com/I/RF3200ET.shtml
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> Have Fun,
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> Roger Waldmiller wrote:
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> > OK
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> >
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>

492. Re: [harris-radio] Re: Link for Harris manuals

Yahoo group: harris-radio
Date: 2010-01-12 23:44:17 UTC
From: Steve Sykes
Topic: 482 Message: 492

Sharing info is not a disease, but copyright infringement is. Harris manuals are all copyrighted. Online manuals of out of production radios probably aren't an issue, but currently produced or supported equipment is.

Steve KD2OM

f1frv wrote:
>
>
>
> hi friends
> What would be more interresting for the COMMUNITY
> would be to place the missing pages in the forum files....
>
> sharing info is not a desease.....
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> <mailto:harris-radio%40yahoogroups.com>, Brooke Clarke <brooke@...>
> wrote:
> >
> > Hi Roger:
> >
> > Would you just email the pages to me and I'll add them.
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> >
> > Have Fun,
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> > > k4alphapapa
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> > > alphapapa 3200 2000

> > > Rochester, New York
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> > > From: harris-radio@yahoogroups.com
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> > > Behalf Of Brooke Clarke
> > > Sent: Monday, January 11, 2010 11:14 PM
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> > > Subject: Re: [harris-radio] Link for Harris manuals
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> > >>>
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>

493. RF-302

Yahoo group: harris-radio
Date: 2010-01-13 18:59:09 UTC
From: Philip
Topic: 493 Message: 493

Just purchased my second item of Harris gear. My first is a Tilt whip adapter for my AT1011 vertical which I have adapted for use on my truck.

Got the manual tuner on the way, in almost pristine condition, a USN version.

Philip
KA4KOE

494. Re: Link for Harris manuals

Yahoo group: harris-radio
Date: 2010-01-13 20:37:39 UTC
From: f1frv
Topic: 482 Message: 494

Hi Steve
your answer is in "pure american individualist ham spirit"
with such egoistic answer, it's perhaps why so few interresting things in this forum....
we, "natives" from europe, share easyly what we have with the WW ham radio community, even americans ....

except this mail, what is your personal contribution to this forum ?

73's de dominique

--- In harris-radio@yahoogroups.com, Steve Sykes <stevesykes@...> wrote:
>
> Sharing info is not a disease, but copyright infringement is. Harris
> manuals are all copyrighted. Online manuals of out of production radios
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495. Re: [harris-radio] Re: Link for Harris manuals

Yahoo group: harris-radio
Date: 2010-01-13 22:11:50 UTC
From: Steve Sykes
Topic: 482 Message: 495

Well Dominique, within the constraints of export controls I can help with Harris equipment. I work in the Engineering department where these radios are built, and have done so for nearly 30 years. If someone has a question concerning a piece of equipment I will be more than glad to help if I can.

73 Steve KD2OM
f1frv wrote:
>
> Hi Steve
> your answer is in "pure american individualist ham spirit"
> with such egoistic answer, it's perhaps why so few interresting things
> in this forum....
> we, "natives" from europe, share easyly what we have with the WW ham
> radio community, even americans ....
>
> except this mail, what is your personal contribution to this forum ?
>
> 73's de dominique
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> --- In harris-radio@yahoogroups.com
> <mailto:harris-radio%40yahoogroups.com>, Steve Sykes <stevesykes@...>
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> > > <mailto:harris-radio%40yahoogroups.com>, Brooke Clarke <brooke@>
> > > wrote:
> > > >
> > > > Hi Roger:
> > > >
> > > > Would you just email the pages to me and I'll add them.
> > > > http://www.prc68.com/I/RF3200ET.shtml
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> > > >
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> > > > > alphapapa 3200 2000
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> > > > > Sent: Monday, January 11, 2010 11:14 PM
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496. Re: [harris-radio] Re: Link for Harris manuals

Yahoo group: harris-radio
Date: 2010-01-13 22:24:52 UTC
From: S C Marrow
Topic: 482 Message: 496

Amen Dominique....I agree with you....we don't need no copyright police.....

----- Original Message -----
From: f1frv
To: harris-radio@yahoogroups.com
Sent: Wednesday, January 13, 2010 3:37 PM
Subject: [harris-radio] Re: Link for Harris manuals

Hi Steve
your answer is in "pure american individualist ham spirit"
with such egoistic answer, it's perhaps why so few interresting things in this forum....
we, "natives" from europe, share easyly what we have with the WW ham radio community, even americans ....

except this mail, what is your personal contribution to this forum ?

73's de dominique

--- In harris-radio@yahoogroups.com, Steve Sykes <stevesykes@...> wrote:
>
> Sharing info is not a disease, but copyright infringement is. Harris
> manuals are all copyrighted. Online manuals of out of production radios
> probably aren't an issue, but currently produced or supported equipment is.
>
> Steve KD2OM
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> f1frv wrote:
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> > > http://www.prc68.com/I/RF3200ET.shtml

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> > > >>>
> > >
> >
>

[Non-text portions of this message have been removed]

497. Re: Link for Harris manuals

Yahoo group: harris-radio
Date: 2010-01-13 23:29:00 UTC
From: scm325
Topic: 482 Message: 497

Steve,

Is the 3200 currently in production, or still supported?

Steve
SCM325

--- In harris-radio@yahoogroups.com, Steve Sykes <stevesykes@...> wrote:
>
> Well Dominique, within the constraints of export controls I can help
> with Harris equipment. I work in the Engineering department where these
> radios are built, and have done so for nearly 30 years. If someone has a
> question concerning a piece of equipment I will be more than glad to
> help if I can.
>
> 73 Steve KD2OM
> f1frv wrote:
> >
> > Hi Steve
> > your answer is in "pure american individualist ham spirit"
> > with such egoistic answer, it's perhaps why so few interresting things
> > in this forum....
> > we, "natives" from europe, share easyly what we have with the WW ham
> > radio community, even americans ....
> >
> > except this mail, what is your personal contribution to this forum ?
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498. Re: Link for Harris manuals

Yahoo group: harris-radio
Date: 2010-01-14 07:45:58 UTC
From: f1frv
Topic: 482 Message: 498

Hi Steve
thanks for your kind offer. I appreciate.

i personaly dont have this equipment, nor particular need.
My initial purpose was only to pass information to the group, and as i am always upseted when a 2 group members dont share information, and exchange it without benefit for the group. to have these information placed in a personal web site.....

i agree with you about copyright, but 2 pages of a manual is not a so big crime against harris.

73's de dominique

for me this "polemic" is closed

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> > we, "natives" from europe, share easyly what we have with the WW ham
> > radio community, even americans ....
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> > > > > >> Hi Brook Clarke:
> > > > > >> Which manual???
> > > > > >>
> > > > > >> k4alphapapa
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> > > > > >> waldrgrmllr@<mailto:waldrgrmllr%40frontiernet.net>
> > frontiernet.net
> > > > > >> alphapapa 3200 2000
> > > > > >> Rochester, New York
> > > > > >>
> > > > > >>
> > > > > >> -----Original Message-----
> > > > > >> From: harris-radio@<mailto:harris-radio%40yahoogroups.com>
> > > > > >>
> > > > > > yahoogroups.com [mailto:harris-radio@
> > > > > > <mailto:harris-radio%40yahoogroups.com> yahoogroups.com] On
> > > > > >
> > > > > >> Behalf Of Brooke Clarke
> > > > > >> Sent: Sunday, January 10, 2010 5:45 PM
> > > > > >> To: harris-radio@<mailto:harris-radio%40yahoogroups.com>

> > > > yahoogroups.com
> > > > > >> Subject: Re: [harris-radio] Link for Harris manuals
> > > > > >>
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499. Re: [harris-radio] Re: Link for Harris manuals

Yahoo group: harris-radio
Date: 2010-01-14 10:08:10 UTC
From: Steve Sykes
Topic: 482 Message: 499

Steve
No the 3200 is not in production. I believe that Harris will support it somewhat but as the tactical business is our current priority it might take awhile. Parts can be difficult to obtain for the older equipment as well.
My comments about online documents aren't really directed to the 3200 and the like. The RF-350K /RT-1446 documents are in the public domain so are not a problem either. The issue is with any of the newer equipment, much of which is ITAR and subject to export control.

Steve KD2OM
scm325 wrote:
>
> Steve,
>
> Is the 3200 currently in production, or still supported?
>
> Steve
> SCM325
>
> --- In harris-radio@yahoogroups.com
> <mailto:harris-radio%40yahoogroups.com>, Steve Sykes <stevesykes@...>
> wrote:
> >
> > Well Dominique, within the constraints of export controls I can help
> > with Harris equipment. I work in the Engineering department where these
> > radios are built, and have done so for nearly 30 years. If someone
> has a
> > question concerning a piece of equipment I will be more than glad to
> > help if I can.
> >
> > 73 Steve KD2OM
> > f1frv wrote:
> > >
> > > Hi Steve
> > > your answer is in "pure american individualist ham spirit"
> > > with such egoistic answer, it's perhaps why so few interresting
> things
> > > in this forum....
> > > we, "natives" from europe, share easyly what we have with the WW ham
> > > radio community, even americans ....
> > >
> > > except this mail, what is your personal contribution to this forum ?
> > >
> > > 73's de dominique

> > >
> > > --- In harris-radio@yahoogroups.com
> <mailto:harris-radio%40yahoogroups.com>
> > > <mailto:harris-radio%40yahoogroups.com>, Steve Sykes <stevesykes@>
> > > wrote:
> > > >
> > > > Sharing info is not a disease, but copyright infringement is. Harris
> > > > manuals are all copyrighted. Online manuals of out of production
> radios
> > > > probably aren't an issue, but currently produced or supported
> > > equipment is.
> > > >
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> > > > wrote:
> > > > >
> > > > > Hi Roger:
> > > > >
> > > > > Would you just email the pages to me and I'll add them.
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> > > > > > > The TOC jumps from page iii to page vi, i.e. it's missing iv
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> > > > > > >>
> > > > > > >>> 73's de dominique
> > > > > > >>> web site:
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500. RE: [harris-radio] Re: Link for Harris manuals

Yahoo group: harris-radio
Date: 2010-01-14 15:58:13 UTC
From: Roger Waldmiller
Topic: 482 Message: 500

Hello all:
A good link to check if a piece of equipment is supported is the Harris web site . Go to www.harris.com and get into the RF communications div, then support, then Product Service then Supported Product list.

I just checked and the 3200 family is NOT listed . This includes the Rf3200 Rf3200E, Rf3201,Rf3201E, Rf3281, Rf3282, Rf3230 KW.. ETC: .
As of last April 09:
The family is anything with the 32xx model. ALL 32xx family is over 10 yrs , is not manufactured or supported.
Also the prc138 is not listed although I believe it still is under the 10 yr usual support time.
NOTE , that the Rf5000 family is listed but doesn't define what's in that family as per RT's. 5020,5022,5022E

Product service technicians usually receive the Questions about the Harris Rf equipment old and new, BUT there are not many tech's available to answer the older, legacy products.

It is very fortunate the Steve has joined the group and being a amateur operator and in engineering is a GREAT help.
THX Steve

I have also, in the past and recently referred guys to Product Service to get questions answered. Successful?? I am familiar
with the 138 and the 5000 series but have no manuals in which to look up answers, 3200 and the old Alpha 2000 mobile phone ,and the old Harris 2way radios, I can help..

Regards

k4alpahapapa
Roger
waldrgrmllr@...
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of scm325
Sent: Wednesday, January 13, 2010 6:29 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Link for Harris manuals

Steve,

Is the 3200 currently in production, or still supported?

Steve
SCM325

--- In harris-radio@ <mailto:harris-radio%40yahoogroups.com>
yahoogroups.com, Steve Sykes <stevesykes@...> wrote:
>
> Well Dominique, within the constraints of export controls I can help
> with Harris equipment. I work in the Engineering department where these
> radios are built, and have done so for nearly 30 years. If someone has a
> question concerning a piece of equipment I will be more than glad to
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> 73 Steve KD2OM
> f1frv wrote:
> >
> > Hi Steve
> > your answer is in "pure american individualist ham spirit"
> > with such egoistic answer, it's perhaps why so few interresting things
> > in this forum....
> > we, "natives" from europe, share easyly what we have with the WW ham
> > radio community, even americans ....
> >
> > except this mail, what is your personal contribution to this forum ?
> >
> > 73's de dominique
> >
> > --- In harris-radio@ <mailto:harris-radio%40yahoogroups.com>
yahoogroups.com
> > <mailto:harris-radio%40yahoogroups.com>, Steve Sykes <stevesykes@>
> > wrote:
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> > > > > >> >>> web site: http://f1frv.<http://f1frv.<http://f1frv.
<http://f1frv.free.fr> free.fr
> > <http://f1frv. <http://f1frv.free.fr> free.fr>
> > > > <http://f1frv. <http://f1frv.free.fr> free.fr <http://f1frv.
<http://f1frv.free.fr> free.fr>>> free.fr>
> > > > > >>>

> > > > > > free.fr
> > > > > >
> > > > > >>> perhaps this year our yahoo forum will have a HARRIS logo
> > > > picture.....
> > > > > >>>
> > > > > >>>
> > > > > >
> > > > >
> > >
> >
> >
>

[Non-text portions of this message have been removed]

501. Re: Link for Harris manuals

Yahoo group: harris-radio
Date: 2010-01-14 21:44:43 UTC
From: scm325
Topic: 482 Message: 501

Steve,

OK, don't have one, but might end up with one. And I apologize for might smartxxxed remark about copyright police. I understand ITAR & export control issues, I work for Uncle Sam taking care of RF Comm systems for the DOE, I (we) maintain microwave down to HF systems.

On a side note, and as a new owner of two 2301s, and seeing that you have posted about them, could you be of any assitance it obtaining a manual for the 2301 & the 2360 power supply? I contacted Harris direct & they told me its no longer supported and that no manuals are available. Any assitance greatly appreciated.

Steve
WD4GYN

--- In harris-radio@yahoogroups.com, Steve Sykes <stevesykes@...> wrote:
>
> Steve
> No the 3200 is not in production. I believe that Harris will support it
> somewhat but as the tactical business is our current priority it might
> take awhile. Parts can be difficult to obtain for the older equipment as
> well.
> My comments about online documents aren't really directed to the 3200
> and the like. The RF-350K /RT-1446 documents are in the public domain so
> are not a problem either. The issue is with any of the newer equipment,
> much of which is ITAR and subject to export control.
>
> Steve KD2OM
> scm325 wrote:
> >
> > Steve,
> >
> > Is the 3200 currently in production, or still supported?
> >
> > Steve
> > SCM325
> >
> > --- In harris-radio@yahoogroups.com
> > <mailto:harris-radio%40yahoogroups.com>, Steve Sykes <stevesykes@>
> > wrote:
> > >
> > > Well Dominique, within the constraints of export controls I can help
> > > with Harris equipment. I work in the Engineering department where these
> > > radios are built, and have done so for nearly 30 years. If someone
> > has a
> > > question concerning a piece of equipment I will be more than glad to
> > > help if I can.

> > >
> > > 73 Steve KD2OM
> > > f1frv wrote:
> > > >
> > > > Hi Steve
> > > > your answer is in "pure american individualist ham spirit"
> > > > with such egoistic answer, it's perhaps why so few interresting
> > things
> > > > in this forum....
> > > > we, "natives" from europe, share easyly what we have with the WW ham
> > > > radio community, even americans ....
> > > >
> > > > except this mail, what is your personal contribution to this forum ?
> > > >
> > > > 73's de dominique
> > > >
> > > > --- In harris-radio@yahoogroups.com
> > <mailto:harris-radio%40yahoogroups.com>
> > > > <mailto:harris-radio%40yahoogroups.com>, Steve Sykes <stevesykes@>
> > > > wrote:
> > > > >
> > > > > Sharing info is not a disease, but copyright infringement is. Harris
> > > > > manuals are all copyrighted. Online manuals of out of production
> > radios
> > > > > probably aren't an issue, but currently produced or supported
> > > > equipment is.
> > > > >
> > > > > Steve KD2OM
> > > > >
> > > > > f1frv wrote:
> > > > > >
> > > > > >
> > > > > >
> > > > > > hi friends
> > > > > > What would be more interresting for the COMMUNITY
> > > > > > would be to place the missing pages in the forum files....
> > > > > >
> > > > > > sharing info is not a desease.....
> > > > > >
> > > > > > 73's de dominique
> > > > > >
> > > > > > --- In harris-radio@yahoogroups.com
> > <mailto:harris-radio%40yahoogroups.com>
> > > > <mailto:harris-radio%40yahoogroups.com>
> > > > > > <mailto:harris-radio%40yahoogroups.com>, Brooke Clarke <brooke@>
> > > > > > wrote:
> > > > > > >
> > > > > > > Hi Roger:
> > > > > > >
> > > > > > > Would you just email the pages to me and I'll add them.

> > > > > > > http://www.prc68.com/I/RF3200ET.shtml
> > <http://www.prc68.com/I/RF3200ET.shtml>
> > > > <http://www.prc68.com/I/RF3200ET.shtml
> > <http://www.prc68.com/I/RF3200ET.shtml>>
> > > > > > <http://www.prc68.com/I/RF3200ET.shtml
> > <http://www.prc68.com/I/RF3200ET.shtml>
> > > > <http://www.prc68.com/I/RF3200ET.shtml
> > <http://www.prc68.com/I/RF3200ET.shtml>>>
> > > > > > >
> > > > > > > > Have Fun,
> > > > > > > >
> > > > > > > > Brooke Clarke
> > > > > > > > http://www.PRC68.com <http://www.PRC68.com>
> > <http://www.PRC68.com <http://www.PRC68.com>>
> > > > <http://www.PRC68.com <http://www.PRC68.com> <http://www.PRC68.com
> > <http://www.PRC68.com>>>
> > > > > > >
> > > > > > > >
> > > > > > > > Roger Waldmiller wrote:
> > > > > > > > > Hi Brooke:
> > > > > > > > > OK
> > > > > > > > > I also have that manual and can supply those missing pages
> > iv& v
> > > > > > if any
> > > > > > > > one is interested.
> > > > > > > >
> > > > > > > > k4alphapapa
> > > > > > > > Roger
> > > > > > > > waldrgrmllr@
> > > > > > > > alphapapa 3200 2000
> > > > > > > > Rochester, New York
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > -----Original Message-----
> > > > > > > > From: harris-radio@yahoogroups.com
> > <mailto:harris-radio%40yahoogroups.com>
> > > > <mailto:harris-radio%40yahoogroups.com>
> > > > > > <mailto:harris-radio%40yahoogroups.com>
> > > > > > [mailto:harris-radio@yahoogroups.com
> > <mailto:harris-radio%40yahoogroups.com>
> > > > <mailto:harris-radio%40yahoogroups.com>
> > > > > > <mailto:harris-radio%40yahoogroups.com>] On
> > > > > > > > Behalf Of Brooke Clarke
> > > > > > > > Sent: Monday, January 11, 2010 11:14 PM
> > > > > > > > To: harris-radio@yahoogroups.com
> > <mailto:harris-radio%40yahoogroups.com>
> > > > <mailto:harris-radio%40yahoogroups.com>
> > > > > > <mailto:harris-radio%40yahoogroups.com>
> > > > > > > > Subject: Re: [harris-radio] Link for Harris manuals

> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > > Hi Roger:
> > > > > > > >
> > > > > > > > > HarrisRF-3200_Service_Manual.pdf
> > > > > > > > > The TOC jumps from page iii to page vi, i.e. it's missing iv
> > > > and v.
> > > > > > > >
> > > > > > > > > Have Fun,
> > > > > > > >
> > > > > > > > > Brooke Clarke
> > > > > > > > > http://www.PRC68.<http://www.PRC68.com
> > <http://www.PRC68.com> <http://www.PRC68.com <http://www.PRC68.com>>
> > > > <http://www.PRC68.com <http://www.PRC68.com> <http://www.PRC68.com
> > <http://www.PRC68.com>>>> com
> > > > > > > >
> > > > > > > > > Roger Waldmiller wrote:
> > > > > > > >
> > > > > > > > >> Hi Brook Clarke:
> > > > > > > > >> Which manual???
> > > > > > > >
> > > > > > > > >> k4alphapapa
> > > > > > > > >> Roger
> > > > > > > > >> waldrgrmllr@<mailto:waldrgrmllr%40frontiernet.net>
> > > > frontiernet.net
> > > > > > > > >> alphapapa 3200 2000
> > > > > > > > >> Rochester, New York
> > > > > > > >
> > > > > > > >
> > > > > > > > >> -----Original Message-----
> > > > > > > > >> From: harris-radio@<mailto:harris-radio%40yahoogroups.com>
> > > > > > > >
> > > > > > > > > yahoogroups.com [mailto:harris-radio@
> > > > > > > > > <mailto:harris-radio%40yahoogroups.com> yahoogroups.com] On
> > > > > > > >
> > > > > > > > >> Behalf Of Brooke Clarke
> > > > > > > > >> Sent: Sunday, January 10, 2010 5:45 PM
> > > > > > > > >> To: harris-radio@<mailto:harris-radio%40yahoogroups.com>
> > > > > > yahoogroups.com
> > > > > > > > >> Subject: Re: [harris-radio] Link for Harris manuals
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > > >> Hi dominique:
> > > > > > > >
> > > > > > > > >> The service manual is missing pages from the TOC.
> > > > > > > >

> > > > > > > >> Have Fun,
> > > > > > > >>
> > > > > > > >> Brooke Clarke
> > > > > > > >> http://www.PRC68.<http://www.PRC68.<http://www.PRC68.com
> > <http://www.PRC68.com>
> > > > <http://www.PRC68.com <http://www.PRC68.com>>
> > > > > > <http://www.PRC68.com <http://www.PRC68.com>
> > <http://www.PRC68.com <http://www.PRC68.com>>>> com> com
> > > > > > > >>
> > > > > > > > >> f1frv wrote:
> > > > > > > > >>
> > > > > > > > >>
> > > > > > > > > >>> Happy new year to all HARRIS fans.
> > > > > > > > > >>>
> > > > > > > > > >>> A link with some service and user manuals
> > > > > > > > > >>> not only for Harris, if you go back one level.....
> > > > > > > > > >>>
> > > > > > > > > >>> http://www.ko4bb.<http://www.ko4bb.
> > > > > > > > > >>>
> > > > > > > > > > <http://www.ko4bb.com/cgi-bin/manuals.pl?dir=Harris
> > <http://www.ko4bb.com/cgi-bin/manuals.pl?dir=Harris>
> > > > <http://www.ko4bb.com/cgi-bin/manuals.pl?dir=Harris
> > <http://www.ko4bb.com/cgi-bin/manuals.pl?dir=Harris>>
> > > > > > <http://www.ko4bb.com/cgi-bin/manuals.pl?dir=Harris
> > <http://www.ko4bb.com/cgi-bin/manuals.pl?dir=Harris>
> > > > <http://www.ko4bb.com/cgi-bin/manuals.pl?dir=Harris
> > <http://www.ko4bb.com/cgi-bin/manuals.pl?dir=Harris>>>>
> > > > > > > > com/cgi-bin/manuals.pl?dir=Harris>
> > > > > > > >
> > > > > > > > >>>
> > > > > > > > >> com/cgi-bin/manuals.pl?dir=Harris
> > > > > > > > >>
> > > > > > > > >>
> > > > > > > > > >>> 73's de dominique
> > > > > > > > > >>> web site:
> > http://f1frv.<http://f1frv.<http://f1frv.free.fr <http://f1frv.free.fr>
> > > > <http://f1frv.free.fr <http://f1frv.free.fr>>
> > > > > > <http://f1frv.free.fr <http://f1frv.free.fr>
> > <http://f1frv.free.fr <http://f1frv.free.fr>>>> free.fr>
> > > > > > > >>>
> > > > > > > > > free.fr
> > > > > > > > >
> > > > > > > > > >>> perhaps this year our yahoo forum will have a HARRIS logo
> > > > > > picture.....
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502. Re: [harris-radio] Re: Link for Harris manuals

Yahoo group: harris-radio
Date: 2010-01-15 07:28:00 UTC
From: Tom Norris
Topic: 482 Message: 502

On Jan 12, 2010, at 12:32 PM, f1frv wrote:

>
> hi friends
> What would be more interresting for the COMMUNITY
> would be to place the missing pages in the forum files....
>
> sharing info is not a desease.....
>
> 73's de dominique
>
>
Indeed, I agree with Dominique!

Speaking of Harris manuals, anyone have anything specific to the RF-5022R/T(E)?
The RF-5020 is a different animal, so of course information and diagrams for that earlier model seem to be all over the web. lol

Best 73 all

Tom Norris NU4G

[Non-text portions of this message have been removed]

503. HARRIS RF-601A /AN-URA38 antenna coupler

Yahoo group: harris-radio
Date: 2010-01-15 13:28:10 UTC
From: f1frv
Topic: 503 Message: 503

Hi friends
If somemone could share manuals, i would be interrested.
i saw some of them regularly , at affordable low cost, in Friedrichshafen hamfair(European sized equivalent to Dayton).
Some are with or without control box.
Up to now, i never purchased, by lack of technical useful information.
If you have some, thanks in advance
73's de Dominique

504. Re: [harris-radio] Re: Link for Harris manuals

Yahoo group: harris-radio
Date: 2010-01-16 10:37:40 UTC
From: Steve Sykes
Topic: 482 Message: 504

Steve,
What is your email address?
Steve KD2OM

scm325 wrote:
>
>
> Steve,
>
> OK, don't have one, but might end up with one. And I apologize for
> might smartxxxed remark about copyright police. I understand ITAR &
> export control issues, I work for Uncle Sam taking care of RF Comm
> systems for the DOE, I (we) maintain microwave down to HF systems.
>
> On a side note, and as a new owner of two 2301s, and seeing that you
> have posted about them, could you be of any assitance it obtaining a
> manual for the 2301 & the 2360 power supply? I contacted Harris direct
> & they told me its no longer supported and that no manuals are
> available. Any assitance greatly appreciated.
>
> Steve
> WD4GYN
>

505. RF-350K help

Yahoo group: harris-radio
Date: 2010-01-18 18:21:59 UTC
From: vk5abc
Topic: 505 Message: 505

Hello All

Does any one here have the optional AFSK if filter pwb installed on their RF-350K? Please hollar.

73 Lee

506. rf-1310a

Yahoo group: harris-radio
Date: 2010-01-26 14:23:42 UTC
From: Michal Paciuch
Topic: 506 Message: 506

Hi,

Has anyone tried to configure remote control of RF-1310A by RF-7210A
with a modem leased line connection?
Do you have any experience, what config of modems should work ? Async or
sync?
Do you have maybe RF-1310A maual with section about A17A2 modem assy?

Best regards,

--

Michal Paciuch

507. Re: [harris-radio] rf-1310a

Yahoo group: harris-radio
Date: 2010-01-26 15:03:13 UTC
From: Michal Paciuch
Topic: 506 Message: 507

Hi,

Problem seems to be solved.
Leased line modems should be in general set to Asynchronous 11 bit, parity odd, 9600 baud.
Additionally V42 buffer break function should be to off (not to break).

Best regards to all,
Michal

Michal Paciuch pisze:
> Hi,
>
> Has anyone tried to configure remote control of RF-1310A by RF-7210A
> with a modem leased line connection?
> Do you have any experience, what config of modems should work ? Async or
> sync?
> Do you have maybe RF-1310A maual with section about A17A2 modem assy?
>
> Best regards,
>
>

508. Problem with RX path in the RF 5110 PA Unit

Yahoo group: harris-radio
Date: 2010-02-03 19:32:16 UTC
From: ab8al
Topic: 508 Message: 508

Anyone have a schematic our succuessfully traced the RX path through this amplifier? I have a RF 5022R/T and the RX is excellent if I go straight into it from the antenna but I have roughly 40db of signal attenuation when I go through the RF 5110 to it. All bit tests are good and the TX side is working 100% as well. I have to believe this is a simple fix if I can find the faulty component(s).

Terry
AB8AL
NNN0ZZO

509. Re: Problem with RX path in the RF 5110 PA Unit

Yahoo group: harris-radio
Date: 2010-02-04 03:51:39 UTC
From: prcradio
Topic: 508 Message: 509

Interesting amplifier, its like an RF-5032PA but with a BNC output connector. I have all the catalogs for the RF-5020 and RF-5022 series and cannot find any reference to this model. There have been a few sold through Ebay but it looks like the filter boards were missing.
Mike

--- In harris-radio@yahoogroups.com, "ab8al" <ab8al@...> wrote:
>
> Anyone have a schematic our succuessfully traced the RX path through this amplifier? I have a RF 5022R/T and the RX is excellent if I go straight into it from the antenna but I have roughly 40db of signal attenuation when I go through the RF 5110 to it. All bit tests are good and the TX side is working 100% as well. I have to believe this is a simple fix if I can find the faulty component(s).
>
> Terry
> AB8AL
> NNN0ZZO
>

510. rf-302 TUNER

Yahoo group: harris-radio
Date: 2010-02-04 07:36:38 UTC
From: Philip
Topic: 510 Message: 510

Just got my RF302 tuner in. NICE piece of gear. Any anecdotal information floating around to be offered?

Thanks!

Philip

511. Re: Problem with RX path in the RF 5110 PA Unit

Yahoo group: harris-radio
Date: 2010-02-04 13:58:44 UTC
From: zilbershatz
Topic: 508 Message: 511

--- In harris-radio@yahoogroups.com, "prcradio" <prcradio@...> wrote:
>
> Interesting amplifier, its like an RF-5032PA but with a BNC output connector. I have all the catalogs for the RF-5020 and RF-5022 series and cannot find any reference to this model. There have been a few sold through Ebay but it looks like the filter boards were missing.
> Mike
>
>
>
>
> --- In harris-radio@yahoogroups.com, "ab8al" <ab8al@> wrote:
> >
> > Anyone have a schematic our succuessfully traced the RX path through this amplifier? I have a RF 5022R/T and the RX is excellent if I go straight into it from the antenna but I have roughly 40db of signal attenuation when I go through the RF 5110 to it. All bit tests are good and the TX side is working 100% as well. I have to believe this is a simple fix if I can find the faulty component(s).
> >
> > Terry
> > AB8AL
> > NNN0ZZO
> >
>
There is a overload rx protection circuit in all these Harris amps .
It is for protection of front end from nearby high power radios.
It is mounted on top of the amp and has a few zappers on it maybe it has done its purpose
...
it can be bypassed if you dont have high power transmitters near by.
4z4rb Baruch

512. Re: [harris-radio] Re: Problem with RX path in the RF 5110 PA Unit

Yahoo group: harris-radio
Date: 2010-02-04 14:59:52 UTC
From: Terry
Topic: 508 Message: 512

Thanks for the info. Steve Sykes directed me to this circuit as well. I disconnected the jumper and reconnected and now all is well. Must have had a dirty contact and cleaned it my unplugging and plugging back in. Radio is running great now. It has been so long since I have messed with it I have forgotten the com port settings to talk with the radio using hyperlink. Can some one send me this info?

--- On Thu, 2/4/10, zilbershatz <4z4rb1@...> wrote:

From: zilbershatz <4z4rb1@gmail.com>
Subject: [harris-radio] Re: Problem with RX path in the RF 5110 PA Unit
To: harris-radio@yahoogroups.com
Date: Thursday, February 4, 2010, 5:58 PM

--- In harris-radio@ yahoogroups. com, "prcradio" <prcradio@.. .> wrote:
>
> Interesting amplifier, its like an RF-5032PA but with a BNC output connector. I have all the catalogs for the RF-5020 and RF-5022 series and cannot find any reference to this model. There have been a few sold through Ebay but it looks like the filter boards were missing.
> Mike
>
>
>
>
> --- In harris-radio@ yahoogroups. com, "ab8al" <ab8al@> wrote:
> >
> > Anyone have a schematic our succuessfully traced the RX path through this amplifier? I have a RF 5022R/T and the RX is excellent if I go straight into it from the antenna but I have roughly 40db of signal attenuation when I go through the RF 5110 to it. All bit tests are good and the TX side is working 100% as well. I have to believe this is a simple fix if I can find the faulty component(s) .
> >
> > Terry
> > AB8AL
> > NNN0ZZO
> >
>
There is a overload rx protection circuit in all these Harris amps .
It is for protection of front end from nearby high power radios.
It is mounted on top of the amp and has a few zappers on it maybe it has done its purpose ...
it can be bypassed if you dont have high power transmitters near by.
4z4rb Baruch

[Non-text portions of this message have been removed]

513. Re: [harris-radio] Re: Problem with RX path in the RF 5110 PA Unit

Yahoo group: harris-radio
Date: 2010-02-05 10:03:22 UTC
From: Steve Sykes
Topic: 508 Message: 513

I would not bypass the RX protection circuit. I also protects the R/T
from other external events, plus there is a high pass filter for the
broadcast band as well.

Steve KD2OM
zilbershatz wrote:
>
>
>
> --- In harris-radio@yahoogroups.com
> <mailto:harris-radio%40yahoogroups.com>, "prcradio" <prcradio@...> wrote:
> >
> > Interesting amplifier, its like an RF-5032PA but with a BNC output
> connector. I have all the catalogs for the RF-5020 and RF-5022 series
> and cannot find any reference to this model. There have been a few
> sold through Ebay but it looks like the filter boards were missing.
> > Mike
> >
> >
> >
> >
> > --- In harris-radio@yahoogroups.com
> <mailto:harris-radio%40yahoogroups.com>, "ab8al" <ab8al@> wrote:
> > >
> > > Anyone have a schematic our succuessfully traced the RX path
> through this amplifier? I have a RF 5022R/T and the RX is excellent if
> I go straight into it from the antenna but I have roughly 40db of
> signal attenuation when I go through the RF 5110 to it. All bit tests
> are good and the TX side is working 100% as well. I have to believe
> this is a simple fix if I can find the faulty component(s).
> > >
> > > Terry
> > > AB8AL
> > > NNN0ZZO
> > >
> >
> There is a overload rx protection circuit in all these Harris amps .
> It is for protection of front end from nearby high power radios.
> It is mounted on top of the amp and has a few zappers on it maybe it
> has done its purpose ...
> it can be bypassed if you dont have high power transmitters near by.
> 4z4rb Baruch
>
>

514. Re: Problem with RX path in the RF 5110 PA Unit

Yahoo group: harris-radio
Date: 2010-02-05 13:40:04 UTC
From: zilbershatz
Topic: 508 Message: 514

--- In harris-radio@yahoogroups.com, Steve Sykes <steve@...> wrote:
>
> I would not bypass the RX protection circuit. I also protects the R/T
> from other external events, plus there is a high pass filter for the
> broadcast band as well.
>
> Steve KD2OM

I did not think of a wired bypass only until he fixes this circuit.

I have finished building a shaft encoder option to the radio it is a charm !!!
once used I never go back to the up/down buttons.
I also meant to ask where can u get a replacement lith battery for the radio i am loosing memory every time I turn it off!

4z4rb Baruch
> zilbershatz wrote:
> >
> >
> >
> > --- In harris-radio@yahoogroups.com
> > <mailto:harris-radio%40yahoogroups.com>, "prcradio" <prcradio@> wrote:
> > >
> > > Interesting amplifier, its like an RF-5032PA but with a BNC output
> > connector. I have all the catalogs for the RF-5020 and RF-5022 series
> > and cannot find any reference to this model. There have been a few
> > sold through Ebay but it looks like the filter boards were missing.
> > > Mike
> > >
> > >
> > >
> > >
> > > --- In harris-radio@yahoogroups.com
> > <mailto:harris-radio%40yahoogroups.com>, "ab8al" <ab8al@> wrote:
> > > >
> > > > Anyone have a schematic our succuessfully traced the RX path
> > through this amplifier? I have a RF 5022R/T and the RX is excellent if
> > I go straight into it from the antenna but I have roughly 40db of
> > signal attenuation when I go through the RF 5110 to it. All bit tests
> > are good and the TX side is working 100% as well. I have to believe
> > this is a simple fix if I can find the faulty component(s).
> > > >
> > > > Terry
> > > > AB8AL
> > > > NNN0ZZO
> > > >

> > >
> > There is a overload rx protection circuit in all these Harris amps .
> > It is for protection of front end from nearby high power radios.
> > It is mounted on top of the amp and has a few zappers on it maybe it
> > has done its purpose ...
> > it can be bypassed if you dont have high power transmitters near by.
> > 4z4rb Baruch
> >
> >
>

515. Re: [harris-radio] Re: Problem with RX path in the RF 5110 PA Unit

Yahoo group: harris-radio
Date: 2010-02-05 13:57:48 UTC
From: Terry
Topic: 508 Message: 515

Can you send the information on the shaft encoder option?

--- On Fri, 2/5/10, zilbershatz <4z4rb1@...> wrote:

From: zilbershatz <4z4rb1@gmail.com>
Subject: [harris-radio] Re: Problem with RX path in the RF 5110 PA Unit
To: harris-radio@yahoogroups.com
Date: Friday, February 5, 2010, 5:40 PM

--- In harris-radio@ yahoogroups. com, Steve Sykes <steve@...> wrote:
>
> I would not bypass the RX protection circuit. I also protects the R/T
> from other external events, plus there is a high pass filter for the
> broadcast band as well.
>
> Steve KD2OM

I did not think of a wired bypass only until he fixes this circuit.

I have finished building a shaft encoder option to the radio it is a charm !!!
once used I never go back to the up/down buttons.
I also meant to ask where can u get a replacement lith battery for the radio i am loosing memory every time I turn it off!

4z4rb Baruch
> zilbershatz wrote:
> >
> >
> >
> > --- In harris-radio@ yahoogroups. com
> > <mailto:harris- radio%40yahoogro ups.com>, "prcradio" <prcradio@> wrote:
> > >
> > > Interesting amplifier, its like an RF-5032PA but with a BNC output
> > connector. I have all the catalogs for the RF-5020 and RF-5022 series
> > and cannot find any reference to this model. There have been a few
> > sold through Ebay but it looks like the filter boards were missing.
> > > Mike
> > >
> > >
> > >
> > >
> > > --- In harris-radio@ yahoogroups. com
> > <mailto:harris- radio%40yahoogro ups.com>, "ab8al" <ab8al@> wrote:
> > > >
> > > > Anyone have a schematic our succuessfully traced the RX path
> > through this amplifier? I have a RF 5022R/T and the RX is excellent if

> > I go straight into it from the antenna but I have roughly 40db of
> > signal attenuation when I go through the RF 5110 to it. All bit tests
> > are good and the TX side is working 100% as well. I have to believe
> > this is a simple fix if I can find the faulty component(s) .
> > > >
> > > > Terry
> > > > AB8AL
> > > > NNN0ZZO
> > > >
> > >
> > There is a overload rx protection circuit in all these Harris amps .
> > It is for protection of front end from nearby high power radios.
> > It is mounted on top of the amp and has a few zappers on it maybe it
> > has done its purpose ...
> > it can be bypassed if you dont have high power transmitters near by.
> > 4z4rb Baruch
> >
> >
>

[Non-text portions of this message have been removed]

516. harris 5022r/t shaft encoder mod.

Yahoo group: harris-radio
Date: 2010-02-05 14:15:17 UTC
From: zilbershatz
Topic: 516 Message: 516

I will put all info in a file and upload it soon
4z4rb
Baruch

517. Re: Problem with RX path in the RF 5110 PA Unit

Yahoo group: harris-radio
Date: 2010-02-09 06:20:14 UTC
From: oe5rho
Topic: 508 Message: 517

> once used I never go back to the up/down buttons.
> I also meant to ask where can u get a replacement lith battery for the radio i am loosing memory every time I turn it off!
>
> 4z4rb Baruch
> > zilbershatz wrote:
> > >

Hello!

In my RF-5020 I have replaced the diode that leads to the battery with a 100ohms resistor and replaced the battery with a 1F/5.5V goldcap capacitor.

Works perfect. 3 month was the longest I had my radio switched off and it held all storage.

73 de Roland

518. Need manual or schematic for RF-5051 power supply

Yahoo group: harris-radio
Date: 2010-02-11 02:03:55 UTC
From: r390b
Topic: 518 Message: 518

Hi folks

I'm in need of a manual or at least a schematic for the RF-5051PS-125 power supply.

Thanks for any help

Tom Norris NU4G

519. Need copy of 5000 Series System Manual - 5022 question

Yahoo group: harris-radio
Date: 2010-02-11 02:17:34 UTC
From: r390b
Topic: 519 Message: 519

I'm trying to round up a full set of manuals for my RF-5022R/T(E) and am lacking the system manual, particularly any sections that discuss differences between the two models. Can anyone help?

Also what are the main differences between the 5020 and the 5022?
Even Harris hasn't given me a specific answer(!) and I've asked several times. Other than available options or what have you what *is* the difference?

Also, was there ever an option available for the 5022 that used GPS?
The intermediate 5022 manual and the general 5020 "depot" manual make no mention of it, though the 5022 manual does show the "plugged" hole in the back - J8 GPS. I have spoken with several commercial and govt Harris users, and they have only seen 5022's with blank plugs for J8. *shrug*

Any ideas, comments, brickbats, etc welcome.

Thanks!!!

Tom Norris NU4G

(Been a Harris user for a couple decades, did organizational upkeep on an FNARS station and other assorted gear, but the tactical gear is new to me - and I like it very much for ease of use and repair. Being a semi-newbie, I still need a bit of guidance now and again! lol)

520. About rf-5022 password

Yahoo group: harris-radio
Date: 2010-02-14 11:30:24 UTC
From: hl2wm
Topic: 520 Message: 520

I have rf-5022 system
but I can't oprate this system don't know password
How can I do
Plese inform for me by e-mail(ci2000@...)

HL2WM ryu wrote

521. RE: [harris-radio] About rf-5022 password

Yahoo group: harris-radio
Date: 2010-02-14 16:06:20 UTC
From: D. Emer
Topic: 520 Message: 521

The password is 24458300

Dud
KK7IF

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of hl2wm
Sent: Sunday, February 14, 2010 3:30 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] About rf-5022 password

I have rf-5022 system
but I can't oprate this system don't know password
How can I do
Plese inform for me by e-mail(ci2000@...)

HL2WM ryu wrote

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

522. Re: [harris-radio] About rf-5022 password

Yahoo group: harris-radio
Date: 2010-02-14 21:34:39 UTC
From: Tom Norris
Topic: 520 Message: 522

While we are on the subject of passwords, I wanted to post a note on backup battery replacement.

I just replaced the memory batteries on all my Harris gear - and Mouser carries the exact replacement. It's a "KEEPER" brand, p/n LTC-7PN, lithium-thionyl cell. (Mouser p/n 521-7PN) About US20$, but good for ten years, give or take. My radios were mid to late 1990's and the batteries were at or past their low voltage point, with resulting loss of programming, password reverting to default, etc.

BE ADVISED that on an RF-5022(*) there is *ALSO* a battery in the control head, so if you're doing routine battery replacement be sure to replace it as well. The battery in my RF-5022R/T(E) was apparently the set's original battery from 1998, and still checked good under load, but it was replaced along with the rest.

From force of habit at previous jobs, I've learned that it's a good idea to replace these type of memory batteries every ten years or so. It's less expensive to wait longer, but no fun to find your programming suddenly gone after your radio has been disconnected from it's primary power source.

5020, 5022 and 5200 (a/k/a PRC-138) all use this particular battery, AFAIK. The PC boards where the batteries are mounted are multilayer, as are most of the boards in the 5000 series are, so be careful!

73

Tom Norris NU4G

On Feb 14, 2010, at 10:06 AM, D. Emer wrote:

> The password is 24458300
>
> Dud
> KK7IF
>

> HL2WM ryu wrote
>
> ---
> -----Original Message-----
> Sent: Sunday, February 14, 2010 3:30 AM
> Subject: [harris-radio] About rf-5022 password
>
> I have rf-5022 system
> but I can't oprate this system don't know password
> How can I do
> Plese inform for me by e-mail(ci2000@...)
>

>
>

523. RE: [harris-radio] About rf-5022 password

Yahoo group: harris-radio
Date: 2010-02-14 23:16:28 UTC
From: Roger Waldmiller
Topic: 520 Message: 523

To all
Note :5020 uses a ROUND battery , mounting rises thru the plate. Mounting pins and contacts are in a triangle configuration vs the LTC-7 which is a rectangle with 4 pins. The front panel batteries are all the same for the 5020,5022,5022e. It has a black cover but is the same battery underneath.

Regards
k4alphapapa

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Tom Norris
Sent: Sunday, February 14, 2010 4:35 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] About rf-5022 password

While we are on the subject of passwords, I wanted to post a note on backup battery replacement.

I just replaced the memory batteries on all my Harris gear - and Mouser carries the exact replacement. It's a "KEEPER" brand, p/n LTC-7PN, lithium-thionyl cell. (Mouser p/n 521-7PN) About US20$, but good for ten years, give or take. My radios were mid to late 1990's and the batteries were at or past their low voltage point, with resulting loss of programming, password reverting to default, etc.

BE ADVISED that on an RF-5022(*) there is *ALSO* a battery in the control head, so if you're doing routine battery replacement be sure to replace it as well. The battery in my RF-5022R/T(E) was apparently the set's original battery from 1998, and still checked good under load, but it was replaced along with the rest.

From force of habit at previous jobs, I've learned that it's a good idea to replace these type of memory batteries every ten years or so. It's less expensive to wait longer, but no fun to find your programming suddenly gone after your radio has been disconnected from it's primary power source.

5020, 5022 and 5200 (a/k/a PRC-138) all use this particular battery, AFAIK. The PC boards where the batteries are mounted are multilayer, as are most of the boards in the 5000 series are, so be careful!

73

Tom Norris NU4G

On Feb 14, 2010, at 10:06 AM, D. Emer wrote:

> The password is 24458300
>
> Dud
> KK7IF
>

> HL2WM ryu wrote
>
> ---
> -----Original Message-----
> Sent: Sunday, February 14, 2010 3:30 AM
> Subject: [harris-radio] About rf-5022 password
>
> I have rf-5022 system
> but I can't oprate this system don't know password
> How can I do
> Plese inform for me by e-mail(ci2000@korea. <mailto:ci2000%40korea.com>
com)
>
>
>

[Non-text portions of this message have been removed]

524. Re: [harris-radio] About rf-5022 password

Yahoo group: harris-radio
Date: 2010-02-15 17:58:00 UTC
From: Tom Norris
Topic: 520 Message: 524

Thanks for the info. Only seen 5022's in person, 5020's in the manual. LOL

The LTC-7 plastic and stainless case are interchangable, according to their datasheets - but the plastic case is a few dollars less - always a good thing.

Tom

On Feb 14, 2010, at 5:16 PM, Roger Waldmiller wrote:

> To all
> Note :5020 uses a ROUND battery , mounting rises thru the plate. Mounting
> pins and contacts are in a triangle configuration vs the LTC-7 which is a
> rectangle with 4 pins. The front panel batteries are all the same for the
> 5020,5022,5022e. It has a black cover but is the same battery underneath.
>
> Regards
> k4alphapapa
>
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Tom Norris
> Sent: Sunday, February 14, 2010 4:35 PM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] About rf-5022 password
>
> While we are on the subject of passwords, I wanted to post a note on backup
> battery replacement.
>
> I just replaced the memory batteries on all my Harris gear - and Mouser
> carries the exact replacement. It's a "KEEPER" brand, p/n LTC-7PN,
> lithium-thionyl cell. (Mouser p/n 521-7PN) About US20$, but good for ten
> years, give or take. My radios were mid to late 1990's and the batteries
> were at or past their low voltage point, with resulting loss of programming,
> password reverting to default, etc.
>
> BE ADVISED that on an RF-5022(*) there is *ALSO* a battery in the control
> head, so if you're doing routine battery replacement be sure to replace it
> as well. The battery in my RF-5022R/T(E) was apparently the set's original
> battery from 1998, and still checked good under load, but it was replaced
> along with the rest.
>
> From force of habit at previous jobs, I've learned that it's a good idea to
> replace these type of memory batteries every ten years or so. It's less
> expensive to wait longer, but no fun to find your programming suddenly gone
> after your radio has been disconnected from it's primary power source.

>
> 5020, 5022 and 5200 (a/k/a PRC-138) all use this particular battery, AFAIK.
> The PC boards where the batteries are mounted are multilayer, as are most of
> the boards in the 5000 series are, so be careful!
>
> 73
>
> Tom Norris NU4G
>
> On Feb 14, 2010, at 10:06 AM, D. Emer wrote:
>
> > The password is 24458300
> >
> > Dud
> > KK7IF
> >
> ---
> > HL2WM ryu wrote
> >
> > ---
> > -----Original Message-----
> > Sent: Sunday, February 14, 2010 3:30 AM
> > Subject: [harris-radio] About rf-5022 password
> >
> > I have rf-5022 system
> > but I can't oprate this system don't know password
> > How can I do
> > Plese inform for me by e-mail(ci2000@korea. <mailto:ci2000%40korea.com>
> com)
> >
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

525. re: Harris RF-1310x Computer Control

Yahoo group: harris-radio
Date: 2010-02-15 19:57:41 UTC
From: ALE
Topic: 525 Message: 525

Hello All,

I have just recently modified the MARS-ALE/PC-ALE baselines to support the control of transmitter and receiver pairing when using the same RS-232 serial port and radios that are addressible and I am now willing to pursue support of the Harris exciters paired with Harris receivers.

In the past I have coded support for the RF-590 and RF-590A family of receivers using the ASCII and the RF-590A series the non-ASCII NATO protocol but I have little information on the RF-1310 and RF-1310A exciters regarding remote control.

What I need to know is which or if both exciters can be controlled via the ASCII and non-ASCII protocols are what the details are for such control as to the protocol and configuration settings of the exciters to support a particular protocol for use if any.

Also, if any direct control is required via PC of any attached Harris amplifiers or antenna tuners then I need to know all of the details for them as well.

A long time ago I acquired information on an ASCII protocol referred to as RF-350 Keywest Transmitter that aside from the source code that I wrote based on it, I no longer seem to have which detailed commands for sending and responses from a transmitter, amplifier (500w/1Kw) and antenna tuner using the RF-350/URC-119 remote board 10085-9100, which did not work direcly with the RT-1446/RF-350K radios what so ever. However being as such a protocol does exist, I am in hopes that there is an ASCII protocol for direct control either or both of the '1310 exciters as it would be much easier to do.

Lastly, I only have a Harris RT-1446 myself, so I will also require interested parties to work closely with me in testing what I code.

Please reply to me direct.

Thanks in advance for any assistance.

/s/ Steve, N2CKH

526. Need schematic for CU-2937A, RF-382A-02

Yahoo group: harris-radio
Date: 2010-02-17 09:47:10 UTC
From: r390b
Topic: 526 Message: 526

Like the subject says. What little shows up via Google says they're the same, but they're far from it. I'd like to find a copy of at least the schematic and parts list of both units. There is at least one site online -- dated 2006 -- that shows a manual for sale for the CU-2937A, but email sent to the owner bounces. (ManualMan)

I have an RF-382A-02 with an unidentified charred part in the output section, connected parallel to the spark gap. Need to identify the crispy critter.

Can someone out there help.

Tom NU4G

527. Need cabling info for Falcon II amplified speaker

Yahoo group: harris-radio
Date: 2010-02-17 09:48:56 UTC
From: r390b
Topic: 527 Message: 527

Need cable pinouts to get a Harris 10181-5180-01 amplified speaker operational -- or at least see if it works. A schematic would be great as well.

Can anyone help?

Thanks much!

Tom NU4G

528. rf 366

Yahoo group: harris-radio
Date: 2010-02-19 03:22:10 UTC
From: joe_wa2kde
Topic: 528 Message: 528

If my rf-350 turns out to be a good one i will be looking for an rf 366 power supply.

Joe
wa2kde

529. RF-350K vs 3200

Yahoo group: harris-radio
Date: 2010-02-19 15:51:22 UTC
From: vk5abc
Topic: 529 Message: 529

Hello All
How does the RF-350K compare with the RF-3200 as a receiver and as a transmitter?

73 Lee

530. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2010-02-20 10:10:02 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 530

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /400Hz_Kit_MX059.zip
Uploaded by : f1frv <f1frv@...>
Description : 115V 400Hz For those who needs....

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/400Hz_Kit_MX059.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

f1frv <f1frv@...>

531. Re: [harris-radio] RF-350K vs 3200

Yahoo group: harris-radio
Date: 2010-02-21 00:00:27 UTC
From: JC Daehler
Topic: 529 Message: 531

Hi Lee,

What kinds of info or details are u looking for? I use a RF-3200 mobile and a RF-350K in the shack, both perform great, as they should as per design and specs. They are, however, quite different radios as you may read on eham reviews.

72
JC
VE7OI

[Non-text portions of this message have been removed]

532. Re: [harris-radio] RF-350K vs 3200

Yahoo group: harris-radio
Date: 2010-02-21 05:57:22 UTC
From: Master Lee
Topic: 529 Message: 532

Hello JC
Well as you have both you will be in better sitaution than me as I only have a
RF-350K. How do the receivers compare as far sensitivity is one better?
Then there is phase noise, is one better, and selectivity, dynamic range, ip3.

As far as the transmitter goes I understand the RF-3200 some extra circuitry
which suppose to give you more talk power or something, if you were to use
the same type of antenna on both will one get a better signal report?

They may be different but the basic functions are still the same? and of course
the RF-3200 has a criusing receiver and the RF-350K is not, as you need a spotting
receiver. I take it you use the RF-3200 in a RV? What do you use for an antenna Mobile?
Enough for now.
73 Lee

----- Original Message -----
From: JC Daehler
To: harris-radio@yahoogroups.com
Sent: Sunday, February 21, 2010 10:30 AM
Subject: Re: [harris-radio] RF-350K vs 3200

Hi Lee,

What kinds of info or details are u looking for? I use a RF-3200 mobile and a RF-350K in
the shack, both perform great, as they should as per design and specs. They are, however,
quite different radios as you may read on eham reviews.

72
JC
VE7OI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

533. Re: RF-1310x/RF-590x and RF-3200

Yahoo group: harris-radio
Date: 2010-02-23 05:10:42 UTC
From: N2CKH
Topic: 529 Message: 533

Hello All,

I have now added support to PC-ALE for Harris RF-1310x/RF-590x pairing and RF-3200 and I am looking for testers.

For those in MARS, the support for the RF-3200 is coded and ready so far.

The RF-1310x/RF-590x support is based on code I wrote some years ago for the receivers . After re-reading all my previous notes and getting re-familiar with my source code I expanded the receiver support to add bypass for those models with the internal pre-selector during scanning.

The RF-3200 support is based on the radio being programmed to match the scan group channels in PC-ALE/MARS-ALE as the radio only supports memory channel control via its serial interface when in RMT.

Please contact me direct should you be interested.

Thanks.

/s/ Steve, N2CKH

534. rf-5022 compter control program

Yahoo group: harris-radio
Date: 2010-02-27 01:24:32 UTC
From: hl2wm
Topic: 534 Message: 534

Hi Members
Anybody knows rf-5022 computer control program

De HL2WM

535. RE: [harris-radio] rf-5022 compter control program

Yahoo group: harris-radio
Date: 2010-02-27 16:22:00 UTC
From: Roger Waldmiller
Topic: 534 Message: 535

Hi DeHL2WM

Are you Talking about PC to RT to control functions?/ and programming configuration?

k4alphapapa

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of hl2wm
Sent: Friday, February 26, 2010 8:25 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] rf-5022 compter control program

Hi Members
Anybody knows rf-5022 computer control program

De HL2WM

[Non-text portions of this message have been removed]

536. RF-5022R/T password

Yahoo group: harris-radio
Date: 2010-02-27 23:37:39 UTC
From: kc2vvb
Topic: 536 Message: 536

Gentlemen...
Is there a default password for the RT-5022R/T? I tried using the password supplied in a previous post...24458300...but that password doesn't work. Is it possible to reset the password?
Thanks,
Chuck Webb
KC2VVB

537. RE: [harris-radio] RF-5022R/T password

Yahoo group: harris-radio
Date: 2010-02-27 23:59:17 UTC
From: D. Emer
Topic: 536 Message: 537

Zeroize the radio and if that doesn't work disconnect the backup battery,

Dud
KK7IF

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of kc2vvb
Sent: Saturday, February 27, 2010 3:38 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5022R/T password

Gentlemen...
Is there a default password for the RT-5022R/T? I tried using the password supplied in a previous post...24458300...but that password doesn't work. Is it possible to reset the password?
Thanks,
Chuck Webb
KC2VVB

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

538. Re: rf-5022 compter control program

Yahoo group: harris-radio
Date: 2010-02-28 04:49:40 UTC
From: hl2wm
Topic: 534 Message: 538

Dear Man
Yes I have rf-5022 system But this system is not easy operate as like japan made TRX
I heared it have cat(computer aided TRX)
Can you aide me

Very thanks
DE HL2WM wrote
--- In harris-radio@yahoogroups.com, "Roger Waldmiller" <waldrgrmllr@...> wrote:
>
> Hi DeHL2WM
>
> Are you Talking about PC to RT to control functions?/ and programming
> configuration?
>
> k4alphapapa
>
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of hl2wm
> Sent: Friday, February 26, 2010 8:25 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] rf-5022 compter control program
>
>
>
>
>
> Hi Members
> Anybody knows rf-5022 computer control program
>
> De HL2WM
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

539. 3CX800A7

Yahoo group: harris-radio
Date: 2010-02-28 16:24:30 UTC
From: vk5abc
Topic: 539 Message: 539

Hello All

Anyone know a source for these tubes? As you know it is used in the RF-355 amplifier

73 Lee

540. Re: 3CX800A7

Yahoo group: harris-radio
Date: 2010-03-01 15:21:13 UTC
From: f1frv
Topic: 539 Message: 540

Hi Lee
if you are rich enough, see with RFPARTS and consorts ...
if not search for 3CX800 PULLS or 3CPX800 PULLS on ggooggllee or equivalent engine.
Sometimes on e-bay also
73's
dominique

--- In harris-radio@yahoogroups.com, "vk5abc" <vk5abc@...> wrote:
>
> Hello All
>
> Anyone know a source for these tubes? As you know it is used in the
> RF-355 amplifier
>
>
> 73 Lee
>

541. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2010-03-10 17:23:27 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 541

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /RF-601 (AN URA-38)/RF-601A_Long Wire Adaptater.pdf
Uploaded by : f1frv <f1frv@...>
Description : A 150 pF in a box....

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/RF-601%20%28AN%20URA-38%29/RF-601A_Long%20Wire%20Adaptater.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

f1frv <f1frv@...>

542. New yahoo group for the Clansman PRC-320

Yahoo group: harris-radio
Date: 2010-03-11 09:49:28 UTC
From: martin
Topic: 542 Message: 542

Hi Group here is a new group that requires members it will be dedicated to the clansman prc-320 only and your input would be great

http://groups.yahoo.com/group/prc320/?yguid=370654844

73 Martin G7JWR

543. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2010-03-11 16:35:31 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 543

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /RF-353 & RF-355 Amplifiers/Harris Automatic Antenna Tuners.pdf
Uploaded by : f1frv <f1frv@...>
Description : RF-350 Automatic antenna tuners service manuals

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/RF-353%20%26%20RF-355%20Amplifiers/Harris%20Automatic%20Antenna%20Tuners.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

f1frv <f1frv@...>

544. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2010-03-11 22:27:09 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 544

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /RF-601 (AN URA-38)/RF-601 antenna coupler service manual
Uploaded by : bob35795 <rjgunther@...>
Description : link to service manual by K4OJZ (K1SUI)

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/RF-601%20%28AN%20URA-38%29/RF-601%20antenna%20coupler%20service%20manual

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/forms/general.htmlfiles

Regards,

bob35795 <rjgunther@...>

545. RF-601/URA38 and URA38A manual

Yahoo group: harris-radio
Date: 2010-03-11 22:46:04 UTC
From: bob35795
Topic: 545 Message: 545

A few people were looking for this, so I posted a link where it can be retrieved. I will be putting up the military manual of the URA-38 as soon as i can get it scanned, but I compared both, and see little difference. I will also try to get it up on BAMA.
Bob KG4OJZ (ex K1SUI)

546. Cable needed, RF-601/ANURA38 coupler to coupler control unit C-3698/URA38

Yahoo group: harris-radio
Date: 2010-03-12 05:16:12 UTC
From: bob35795
Topic: 546 Message: 546

Looking for a cable or cable assembly going from the RF-601 controller to the RF-601. I already have the connectors, but I would buy the entire
assembly provided it didn't cost me a gazillion bucks. Cable type is MSCA-37, 37 conductor shielded, but I think any 33 conductor 22 gauge shielded wire will do. Any ideas?, need about 200 ft. of cable.

Bob KG4OJZ (ex K1SUI)
rjgunther@...
KG4OJZ@...
Bent Mountain, Va

547. RE: [harris-radio] RF-601/URA38 and URA38A manual

Yahoo group: harris-radio
Date: 2010-03-12 08:52:41 UTC
From: Dave Maples
Topic: 545 Message: 547

Where did you post the link?

Dave AFA3WZ
-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]On Behalf Of bob35795
Sent: Thursday, March 11, 2010 5:46 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-601/URA38 and URA38A manual

A few people were looking for this, so I posted a link where it can be retrieved. I will be putting up the military manual of the URA-38 as soon as i can get it scanned, but I compared both, and see little difference. I will also try to get it up on BAMA.
Bob KG4OJZ (ex K1SUI)

[Non-text portions of this message have been removed]

548. Re: [harris-radio] Cable needed, RF-601/ANURA38 coupler to coupler control unit C-3698/URA38

Yahoo group: harris-radio
Date: 2010-03-12 14:20:17 UTC
From: S C Marrow
Topic: 546 Message: 548

Shop Ebay, & surplus places.....I was in the same boat.....you don't need all 37 conductors (well for 200 ft you might) I bought some 12 conductor & am going to use 3 parallel runs. New cable from cable vendors is very expensive seems like it was well over $1000.00 per 100FT for 37 conductor

G-Luck
Steve
KM4V

----- Original Message -----
From: bob35795
To: harris-radio@yahoogroups.com
Sent: Friday, March 12, 2010 12:16 AM
Subject: [harris-radio] Cable needed, RF-601/ANURA38 coupler to coupler control unit C-3698/URA38

Looking for a cable or cable assembly going from the RF-601 controller to the RF-601. I already have the connectors, but I would buy the entire
assembly provided it didn't cost me a gazillion bucks. Cable type is MSCA-37, 37 conductor shielded, but I think any 33 conductor 22 gauge shielded wire will do. Any ideas?, need about 200 ft. of cable.

Bob KG4OJZ (ex K1SUI)
rjgunther@...
KG4OJZ@...
Bent Mountain, Va

[Non-text portions of this message have been removed]

549. Re: RF-601/URA38 and URA38A manual

Yahoo group: harris-radio
Date: 2010-03-13 21:10:02 UTC
From: f1frv
Topic: 545 Message: 549

i scanned a paper manual at home
because i asked about it here, without any answer from the states.....
i finaly got one for one week
and posted it from France (small country in europe full of irreductible bretons).
why this question about origin of post ???
73's de dominique

--- In harris-radio@yahoogroups.com, "Dave Maples" <dsmaples@...> wrote:
>
> Where did you post the link?
>
> Dave AFA3WZ
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]On
> Behalf Of bob35795
> Sent: Thursday, March 11, 2010 5:46 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] RF-601/URA38 and URA38A manual
>
>
>
> A few people were looking for this, so I posted a link where it can be
> retrieved. I will be putting up the military manual of the URA-38 as soon as
> i can get it scanned, but I compared both, and see little difference. I will
> also try to get it up on BAMA.
> Bob KG4OJZ (ex K1SUI)
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

550. Re: RF-601/URA38 and URA38A manual

Yahoo group: harris-radio
Date: 2010-03-19 15:47:42 UTC
From: f1frv
Topic: 545 Message: 550

Hi bob
Many thanks for having downloaded the RF-601 service manual
i scanned and placed on my web site.
Spreading it under your name, its very kind of you, and very correct way of doing things.
dominique

--- In harris-radio@yahoogroups.com, "bob35795" <rjgunther@...> wrote:
>
> A few people were looking for this, so I posted a link where it can be retrieved. I will be putting up the military manual of the URA-38 as soon as i can get it scanned, but I compared both, and see little difference. I will also try to get it up on BAMA.
> Bob KG4OJZ (ex K1SUI)
>

551. Re: RF-601/URA38 and URA38A manual

Yahoo group: harris-radio
Date: 2010-03-19 16:05:15 UTC
From: murphyjunk
Topic: 545 Message: 551

guys

I don't want to be a wet blanket on the posting of info like this on the net, but it is a violation of U.S. export laws

tek info on military equipment requires an export lic, posting it for all to see bypasses this completely.

I don't want someone doing a favor for others to end up wiped out trying to defend himself aginst our government.

Mike

--- In harris-radio@yahoogroups.com, "f1frv" <f1frv@...> wrote:
>
> Hi bob
> Many thanks for having downloaded the RF-601 service manual
> i scanned and placed on my web site.
> Spreading it under your name, its very kind of you, and very correct way of doing things.
> dominique
>
>
>
>
> --- In harris-radio@yahoogroups.com, "bob35795" <rjgunther@> wrote:
> >
> > A few people were looking for this, so I posted a link where it can be retrieved. I will be putting up the military manual of the URA-38 as soon as i can get it scanned, but I compared both, and see little difference. I will also try to get it up on BAMA.
> > Bob KG4OJZ (ex K1SUI)
> >
>

552. RF-7405 Remote Control Terminal

Yahoo group: harris-radio
Date: 2010-04-02 13:34:14 UTC
From: LA9XKA
Topic: 552 Message: 552

Hello!

I am looking for description of the command protocol used by the RF-7405 Remote Control Terminal to control the RF-590 receiver and the RF-1310 series transmitters.

Anyone having successfully implemented this protocol on a PC in order to replace the RF-7405 Terminal?

regards,

Per

553. Re: [harris-radio] RF-7405 Remote Control Terminal

Yahoo group: harris-radio
Date: 2010-04-02 17:20:43 UTC
From: Steve Hajducek
Topic: 552 Message: 553

Hi Per,

You can test the latest ALPHA build of PC-ALE
v1.071 where I have provided support for the
pairing of RF1310/RF590 series receivers.

It can be had at: www.n2ckh.com/PC_ALE_FORUM/PCALEv1071A_HARRIS.zip

The .zip file contains a setup.exe which provides
a full install and a .txt and .pdf file with
needed information for configuration as to serial
port parameters and radio addresses.

I long ago coded this support for RF590 series
receivers which I have had years of feedback and
works great using this command structure. However
I only recently took a shot at the pairing with
an exciter. I have had no feedback to date on
this support, I myself only have an RT-1446
transceiver which uses a different command structure.

/s/ Steve, N2CKH
www.n2ckh.com/PC_ALE_FORUM/

At 09:34 AM 4/2/2010, you wrote:
>
>
>Hello!
>
>I am looking for description of the command
>protocol used by the RF-7405 Remote Control
>Terminal to control the RF-590 receiver and the RF-1310 series transmitters.
>
>Anyone having successfully implemented this
>protocol on a PC in order to replace the RF-7405 Terminal?
>
>regards,
>
>Per
>
>

[Non-text portions of this message have been removed]

554. Re: [harris-radio] RF-7405 Remote Control Terminal

Yahoo group: harris-radio
Date: 2010-04-02 18:37:24 UTC
From: Steve Sykes
Topic: 552 Message: 554

This page has a file with the protocol you are looking for.

http://www.premium-rx.org/reference.htm

Steve KD2OM
LA9XKA wrote:
>
> Hello!
>
> I am looking for description of the command protocol used by the
> RF-7405 Remote Control Terminal to control the RF-590 receiver and the
> RF-1310 series transmitters.
>
> Anyone having successfully implemented this protocol on a PC in order
> to replace the RF-7405 Terminal?
>
> regards,
>
> Per
>
>

555. Re: RF-7405 Remote Control Terminal

Yahoo group: harris-radio
Date: 2010-04-02 21:49:58 UTC
From: LA9XKA
Topic: 552 Message: 555

Steve & Steve!

Thank You for the answers, just what I was looking for.

Regards,

Per

--- In harris-radio@yahoogroups.com, Steve Sykes <steve@...> wrote:
>
> This page has a file with the protocol you are looking for.
>
> http://www.premium-rx.org/reference.htm
>
> Steve KD2OM
> LA9XKA wrote:
> >
> > Hello!
> >
> > I am looking for description of the command protocol used by the
> > RF-7405 Remote Control Terminal to control the RF-590 receiver and the
> > RF-1310 series transmitters.
> >
> > Anyone having successfully implemented this protocol on a PC in order
> > to replace the RF-7405 Terminal?
> >
> > regards,
> >
> > Per
> >
> >
>

556. Harris RF-5980 Amplified Speaker

Yahoo group: harris-radio
Date: 2010-04-05 23:48:31 UTC
From: kc2vvb
Topic: 556 Message: 556

Gentlemen...
I am looking for a Harris RF-5980 amplified speaker. If anyone has one they would like to sell or if you know where I can buy one please let me know. I can be reached by email at patchit1@....
Thanks,
C. Webb
KC2VVB

557. Amplified Speaker

Yahoo group: harris-radio
Date: 2010-04-06 14:40:10 UTC
From: Jeff Cherry
Topic: 557 Message: 557

I could use 2 of the speakers as well

[Non-text portions of this message have been removed]

558. Re: Amplified Speaker

Yahoo group: harris-radio
Date: 2010-04-07 04:00:17 UTC
From: prcradio
Topic: 557 Message: 558

If they come in a six pack I'll take some too.
Mike

--- In harris-radio@yahoogroups.com, Jeff Cherry <j.cherry377@...> wrote:
>
> I could use 2 of the speakers as well

559. AM-7223/URC help

Yahoo group: harris-radio
Date: 2010-04-07 18:25:33 UTC
From: vk5abc
Topic: 559 Message: 559

Hello All
Can anyone tell me where TB1 is in the AM7223/URC I need to install T1 and not sure which way it should sit on the chassis ie which side the wires go. It is hard to tell from the photos. any help would be appreciated.

73 Lee

560. AM-7223/URC power connector

Yahoo group: harris-radio
Date: 2010-04-13 00:46:36 UTC
From: vk5abc
Topic: 560 Message: 560

Hello All

Anyone here know where I can buy a MS3106A28-20S connector which is the power connector for the AM-7223/URC

73 Lee

561. Re: [harris-radio] AM-7223/URC power connector

Yahoo group: harris-radio
Date: 2010-04-13 00:53:57 UTC
From: JC Daehler
Topic: 560 Message: 561

Hello Lee,

I got a few connectors for my Rt-1446 and also for the RF-382 from Mouser Electronics
g-day
JC
VE7oi

--- On Mon, 4/12/10, vk5abc <vk5abc@...> wrote:

From: vk5abc <vk5abc@...>
Subject: [harris-radio] AM-7223/URC power connector
To: harris-radio@yahoogroups.com
Date: Monday, April 12, 2010, 4:46 PM

Hello All

Anyone here know where I can buy a MS3106A28-20S connector which is

the power connector for the AM-7223/URC

73 Lee

[Non-text portions of this message have been removed]

562. Re: [harris-radio] AM-7223/URC power connector

Yahoo group: harris-radio
Date: 2010-04-13 01:12:12 UTC
From: S C Marrow
Topic: 560 Message: 562

Lee,

Think I have an extra one including the cord, contact me offlist.

Steve
KM4V
----- Original Message -----
From: vk5abc
To: harris-radio@yahoogroups.com
Sent: Monday, April 12, 2010 8:46 PM
Subject: [harris-radio] AM-7223/URC power connector

Hello All

Anyone here know where I can buy a MS3106A28-20S connector which is
the power connector for the AM-7223/URC

73 Lee

[Non-text portions of this message have been removed]

563. RF-127

Yahoo group: harris-radio
Date: 2010-04-17 04:40:29 UTC
From: vk5abc
Topic: 563 Message: 563

Hello All

Anyone here have any data on the RF-127 coupler maybe a manual

73 Lee

564. RE: [harris-radio] RF-127

Yahoo group: harris-radio
Date: 2010-04-18 04:06:00 UTC
From: W2HX
Topic: 563 Message: 564

I have one of these units. I really like it. Wont be using my RF-601A now that I have the 127. There is NO data available on it. I have the pin outs. I have some information on setting the memory up for faster tuning for each band. But that's it! Harris wanted something like $1200 for a manual.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of vk5abc
Sent: Saturday, April 17, 2010 12:40 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-127

Hello All

Anyone here have any data on the RF-127 coupler maybe a manual

73 Lee

[Non-text portions of this message have been removed]

565. RE: [armyradios] Re: Help ID Amplified Speaker? it's a Harris RF-5980-SA001

Yahoo group: harris-radio
Date: 2010-04-25 12:22:58 UTC
From: Leon S. Ciereszko III
Topic: 565 Message: 565

I finally opened mine. It seems pretty straight forward with the internal wiring; I will take some pictures. The only thing that puzzles me is the power connection. It has the same power connector as the power connector on the fan on the back of the RF-5032PA amp. On the amp (info derived from the included, working cable) pin A is +24VDC, B and C are ground. On the speaker A is ?, B is ground, and C has a red wire and goes to the power switch so I am guessing that it is +24VDC. I haven't gotten an audio input cable yet but I am confused that 2 Harris items would use the same connector with different pinouts.

Lee N4TCW/DA1TCW

Where's Lee?
Europe- http://map.findu.com/da1tcw
U.S.A.- http://map.findu.com/n4tcw

-----Original Message-----
From: armyradios@yahoogroups.com [mailto:armyradios@yahoogroups.com]On Behalf Of Tom Norris
Sent: Sunday, February 21, 2010 2:20 AM
To: armyradios@yahoogroups.com
Subject: Re: [armyradios] Re: Help ID Amplified Speaker? it's a Harris RF-5980-SA001

I'm in the process of totally disassembling mine and taking photos. Hopefully in the process I can figure out how the doggone thing connects to power.

Tom

On Feb 19, 2010, at 7:37 AM, k4bdj@... wrote:

> Lee,
>
> At least you can determine which connector goes where and with the 6 pin
> audio connectors should not be to difficult to figure out. I think Tom
> mentioned the power connector used all three contacts so maybe above
> ground for negative. It's for sure 24VDC. Crack it open and let us know
> what you find out.
>
> Regards,
> Dave,K4BDJ
>
>

[Non-text portions of this message have been removed]

566. Re: [harris-radio] RE: [armyradios] Re: Help ID Amplified Speaker? it's a Harris RF-5980-SA001

Yahoo group: harris-radio
Date: 2010-04-27 01:12:27 UTC
From: Tom Norris
Topic: 565 Message: 566

Indeed, it's the orange wire that has me puzzled. Remote power, perhaps? Ground to turn on, as is used with other Harris gear.
Now that I've taken it apart, I need to put it back together and try that idea.

As for the pinout, it's no more confusing than the difference in "aux" connectors between the RF-5020 and 5022 - completely different connector, though both are RF-5000 series and both are commonly used with many of the same accessories. *shrug*

73

Tom

On Apr 25, 2010, at 7:22 AM, Leon S. Ciereszko III wrote:

> I finally opened mine. It seems pretty straight forward with the internal
> wiring; I will take some pictures. The only thing that puzzles me is the
> power connection. It has the same power connector as the power connector on
> the fan on the back of the RF-5032PA amp. On the amp (info derived from the
> included, working cable) pin A is +24VDC, B and C are ground. On the
> speaker A is ?, B is ground, and C has a red wire and goes to the power
> switch so I am guessing that it is +24VDC. I haven't gotten an audio input
> cable yet but I am confused that 2 Harris items would use the same connector
> with different pinouts.
>
> Lee N4TCW/DA1TCW
>
> Where's Lee?
> Europe- http://map.findu.com/da1tcw
> U.S.A.- http://map.findu.com/n4tcw
>
> -----Original Message-----
> Tom Wrote, on Sunday, February 21, 2010 2:20 AM
>
>
> I'm in the process of totally disassembling mine and taking photos.
> Hopefully in the process I can figure out how the doggone thing
> connects to power.
>
> Tom
>
> On Feb 19, 2010, at 7:37 AM, k4bdj@... wrote:
>
> > Lee,
> >
> > At least you can determine which connector goes where and with the 6 pin

> > audio connectors should not be to difficult to figure out. I think Tom
> > mentioned the power connector used all three contacts so maybe above
> > ground for negative. It's for sure 24VDC. Crack it open and let us know
> > what you find out.
> >
> > Regards,
> > Dave,K4BDJ
> >
> >

[Non-text portions of this message have been removed]

567. Re: [harris-radio] RE: [armyradios] Re: Help ID Amplified Speaker? it's a Harris RF-5980-SA001

Yahoo group: harris-radio
Date: 2010-04-27 11:37:39 UTC
From: Steve Sykes
Topic: 565 Message: 567

The main reason the aux connectors are different is to make the connector different than the coupler connector on the PA. You will note that the coupler connector on the early 125 watt PA is the same as the RT aux connector. 3 blocking pins were added to prevent plugging a computer into the coupler connector by mistake. When the 5022 was designed a larger connector was added to fix this problem.

Steve KD2OM
On 4/26/2010 9:12 PM, Tom Norris wrote:
>
> Indeed, it's the orange wire that has me puzzled. Remote power,
> perhaps? Ground to turn on, as is used with other Harris gear.
> Now that I've taken it apart, I need to put it back together and try
> that idea.
>
> As for the pinout, it's no more confusing than the difference in "aux"
> connectors between the RF-5020 and 5022 - completely different
> connector, though both are RF-5000 series and both are commonly used
> with many of the same accessories. *shrug*
>
> 73
>
> Tom
>
> On Apr 25, 2010, at 7:22 AM, Leon S. Ciereszko III wrote:
>
> > I finally opened mine. It seems pretty straight forward with the
> internal
> > wiring; I will take some pictures. The only thing that puzzles me is the
> > power connection. It has the same power connector as the power
> connector on
> > the fan on the back of the RF-5032PA amp. On the amp (info derived
> from the
> > included, working cable) pin A is +24VDC, B and C are ground. On the
> > speaker A is ?, B is ground, and C has a red wire and goes to the power
> > switch so I am guessing that it is +24VDC. I haven't gotten an audio
> input
> > cable yet but I am confused that 2 Harris items would use the same
> connector
> > with different pinouts.
> >
> > Lee N4TCW/DA1TCW
> >
> > Where's Lee?

> > Europe- http://map.findu.com/da1tcw <http://map.findu.com/da1tcw>
> > U.S.A.- http://map.findu.com/n4tcw <http://map.findu.com/n4tcw>
> >
> > -----Original Message-----
> > Tom Wrote, on Sunday, February 21, 2010 2:20 AM
> >
> >
> > I'm in the process of totally disassembling mine and taking photos.
> > Hopefully in the process I can figure out how the doggone thing
> > connects to power.
> >
> > Tom
> >
> > On Feb 19, 2010, at 7:37 AM, k4bdj@...
> <mailto:k4bdj%40sensible.net> wrote:
> >
> > > Lee,
> > >
> > > At least you can determine which connector goes where and with the
> 6 pin
> > > audio connectors should not be to difficult to figure out. I think Tom
> > > mentioned the power connector used all three contacts so maybe above
> > > ground for negative. It's for sure 24VDC. Crack it open and let us
> know
> > > what you find out.
> > >
> > > Regards,
> > > Dave,K4BDJ
> > >
> > >
>
> [Non-text portions of this message have been removed]
>
>
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.814 / Virus Database: 271.1.1/2837 - Release Date: 04/26/10 14:27:00
>
>

[Non-text portions of this message have been removed]

568. AM-6545A/ RF-4030?

Yahoo group: harris-radio
Date: 2010-05-04 01:30:28 UTC
From: W2HX
Topic: 568 Message: 568

Hi all, picked up this 400W HF amplifier at Nearfest. I understand it is part of the GRC-193 (using the RT-1209 unit). I don't have the RT unit, but I do have a harris RF-5020 RT exciter that I use with the corresponding 125W amp.

Few questions.

1. Does anyone know if the RF-5020 can be interfaced to this AM-6545A?

2. Does anyone have the interface details of the 6545A/4030?

3. I believe that the correct antenna tuner for this amp is the CU-2064. Does anyone know if the RF-382A can be used instead?

4. Anyone know what I might expect to pay for a CU-2064/RF-4031 ant coupler?

Thanks!

73 Eugene W2HX

[Non-text portions of this message have been removed]

569. RF-797A & RF-592

Yahoo group: harris-radio
Date: 2010-05-05 21:03:24 UTC
From: Jens O.S
Topic: 569 Message: 569

Hi Harris folks...

Can someone help me where to locate the manuals for:

RF-592: The A25 Remote control unit in RF-590A?

RF-797A: A Local Control Unit to control RF-550 or RF-131 with a RS-422 seriel line?

73
Jens/OZ8SO

570. RF Communications SB-6F Manual

Yahoo group: harris-radio
Date: 2010-05-06 01:04:19 UTC
From: Steve Sykes
Topic: 570 Message: 570

I am looking for a manual for the RF Communications SB-6F transceiver.
It is the first product RF Comm made. A copy would be fine as well.

73,
Steve KD2OM

571. RF-3200

Yahoo group: harris-radio
Date: 2010-05-18 19:23:37 UTC
From: scm325
Topic: 194 Message: 571

Picked up a nice 3200 at Dayton Sunday morning; anybody know of generic password, or a way or retrieving the passwords for / to access the user & technician configuration programming areas. Radio works good & its in the Frequency mode, but it was setup for a couple which I didn't get....would like to turn off the couple enable & look at other stuff. I know they were programmed in the RAM / ROM at the factory; wonder if they could be retrieved any way???

Thanks,
Steve
KM4V

572. RE: [harris-radio] RF-3200

Yahoo group: harris-radio
Date: 2010-05-18 23:21:07 UTC
From: Roger Waldmiller
Topic: 194 Message: 572

Hi SCM325, Steve KM4V
Are you the same person or 2 different.
I can be of assistance on the 3200 but need to ask several questions for answers to you questions.
I will contact you directly at highpwr@...

Any one with questions on the 3200's can also contact me directly at my E mail

Roger
waldrgrmllr@...
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of scm325
Sent: Tuesday, May 18, 2010 3:24 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-3200

Picked up a nice 3200 at Dayton Sunday morning; anybody know of generic password, or a way or retrieving the passwords for / to access the user & technician configuration programming areas. Radio works good & its in the Frequency mode, but it was setup for a couple which I didn't get....would like to turn off the couple enable & look at other stuff. I know they were programmed in the RAM / ROM at the factory; wonder if they could be retrieved any way???

Thanks,
Steve
KM4V

[Non-text portions of this message have been removed]

573. Re: [harris-radio] RF-3200

Yahoo group: harris-radio
Date: 2010-05-19 00:00:01 UTC
From: S C Marrow
Topic: 194 Message: 573

Same Person
----- Original Message -----
From: Roger Waldmiller
To: harris-radio@yahoogroups.com
Sent: Tuesday, May 18, 2010 7:21 PM
Subject: RE: [harris-radio] RF-3200

Hi SCM325, Steve KM4V
Are you the same person or 2 different.
I can be of assistance on the 3200 but need to ask several questions for answers to you questions.
I will contact you directly at highpwr@...

Any one with questions on the 3200's can also contact me directly at my E mail

Roger
waldrgrmllr@...
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
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Sent: Tuesday, May 18, 2010 3:24 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-3200

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Thanks,
Steve
KM4V

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

574. Re: [Harris] RF Communications SB-6F Manual

Yahoo group: harris-radio
Date: 2010-05-24 15:53:07 UTC
From: Dennis
Topic: 570 Message: 574

I have a manual as well as two radios.
However, I have no way to make copies & there is nothing within 60 miles of here.
I could scan a few pages for you if you need some specific information.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

----- Original Message ----
> From: Steve Sykes <steve@...>
> To: harris-radio@yahoogroups.com; harris@...; antiquewirelessassociation@yahoogroups.com
> Sent: Wed, May 5, 2010 8:04:19 PM
> Subject: [Harris] RF Communications SB-6F Manual
>
> I am looking for a manual for the RF Communications SB-6F transceiver.
>
It is the first product RF Comm made. A copy would be fine as
> well.

73,
Steve
> KD2OM

Harris
> mailing list
Home:
> target=_blank >http://mailman.qth.net/mailman/listinfo/harris
Help:
> href="http://mailman.qth.net/mmfaq.htm" target=_blank
> >http://mailman.qth.net/mmfaq.htm
Post: mailto:
> ymailto="mailto:Harris@..."
> href="mailto:Harris@...">Harris@...

This list
> hosted by:
> >http://www.qsl.net
Please help support this email list:
> href="http://www.qsl.net/donate.html" target=_blank
> >http://www.qsl.net/donate.html

575. Re: [harris-radio] Re: [Harris] RF Communications SB-6F Manual

Yahoo group: harris-radio
Date: 2010-05-24 21:29:15 UTC
From: Steve Sykes
Topic: 570 Message: 575

Thanks Dennis,
We received a manual while I was away on a trip. It is good to know
that someone has a radio if we get into trouble. Are they both working?
Even with the manual the xtal formula is confusing. There is also a mod
on the radio I haven't quite figured out yet. It looks like it may have
both USB and LSB, but I am not sure.

73
Steve KD2OM
On 5/24/2010 11:53 AM, Dennis wrote:
>
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> I could scan a few pages for you if you need some specific information.
>
> Dennis Starks
> Military-Radio-Guy
> KB0SFP
> Monitor(all USB):
> 3996, 5403.5, 7296, 14342.5, 18157.5
>
> ----- Original Message ----
> > From: Steve Sykes <steve@... <mailto:steve%40ecsykes.com>>
> > To: harris-radio@yahoogroups.com
> <mailto:harris-radio%40yahoogroups.com>; harris@...
> <mailto:harris%40mailman.qth.net>;
> antiquewirelessassociation@yahoogroups.com
> <mailto:antiquewirelessassociation%40yahoogroups.com>
> > Sent: Wed, May 5, 2010 8:04:19 PM
> > Subject: [Harris] RF Communications SB-6F Manual
> >
> > I am looking for a manual for the RF Communications SB-6F transceiver.
> >
> It is the first product RF Comm made. A copy would be fine as
> > well.
>
> 73,
> Steve
> > KD2OM
> _____
> Harris
> > mailing list
> Home:
> > target=_blank >http://mailman.qth.net/mailman/listinfo/harris

> Help:
> > href="http://mailman.qth.net/mmfaq.htm" target=_blank
> > >http://mailman.qth.net/mmfaq.htm
> Post: mailto:
> > ymailto="mailto:Harris@...
> <mailto:Harris%40mailman.qth.net>"
> > href="mailto:Harris@...
> <mailto:Harris%40mailman.qth.net>">Harris@...
> <mailto:Harris%40mailman.qth.net>
>
> This list
> > hosted by:
> > >http://www.qsl.net
> Please help support this email list:
> > href="http://www.qsl.net/donate.html" target=_blank
> > >http://www.qsl.net/donate.html
>
>
>
>
>
> No virus found in this incoming message.
> Checked by AVG - www.avg.com
> Version: 9.0.819 / Virus Database: 271.1.1/2893 - Release Date: 05/24/10 02:26:00
>
>

[Non-text portions of this message have been removed]

576. Re: [harris-radio] Re: [Harris] RF Communications SB-6F Manual

Yahoo group: harris-radio
Date: 2010-05-24 21:39:36 UTC
From: Dennis
Topic: 570 Message: 576

I don't know if mine are operational or not. I've had them for years but have never tried one out. I have one early rounded cabinet one, & a late square cabinet one(like RF-301). One has selectable sideband & though factory it does look like an add-on.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>
>From: Steve Sykes <steve@...>
>To: harris-radio@yahoogroups.com
>Sent: Mon, May 24, 2010 4:29:15 PM
>Subject: Re: [harris-radio] Re: [Harris] RF Communications SB-6F Manual
>
> >
>>
>
>Thanks Dennis,
>>We received a manual while I was away on a trip. It is good to know
>>that someone has a radio if we get into trouble. Are they both working?
>>Even with the manual the xtal formula is confusing. There is also a mod
>>on the radio I haven't quite figured out yet. It looks like it may have
>>both USB and LSB, but I am not sure.
>
>>73
>>Steve KD2OM
>>On 5/24/2010 11:53 AM, Dennis wrote:
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>>> I have a manual as well as two radios.
>>> However, I have no way to make copies & there is nothing within 60
>>> miles of here.
>>> I could scan a few pages for you if you need some specific information.
>>>
>>> Dennis Starks
>>> Military-Radio-Guy
>>> KB0SFP
>>> Monitor(all USB):
>>> 3996, 5403.5, 7296, 14342.5, 18157.5
>>>
>>> ----- Original Message ----
>>> > From: Steve Sykes <steve@... <mailto:steve%40ecsykes.com>>
>>> > To: harris-radio@yahoogroups.com
>>> <mailto:harris-radio%40yahoogroups.com>; harris@...

>>> <mailto:harris%40mailman.qth.net>;
>>> antiquewirelessassociation@yahoogroups.com
>>> <mailto:antiquewirelessassociation%40yahoogroups.com>
>>> > Sent: Wed, May 5, 2010 8:04:19 PM
>>> > Subject: [Harris] RF Communications SB-6F Manual
>>> >
>>> > I am looking for a manual for the RF Communications SB-6F transceiver.
>>> >
>>> It is the first product RF Comm made. A copy would be fine as
>>> > well.
>>>
>>> 73,
>>> Steve
>>> > KD2OM
>>> _____
>>> Harris
>>> > mailing list
>>> Home:
>>> > target=_blank >http://mailman.qth.net/mailman/listinfo/harris
>>> Help:
>>> > href="http://mailman.qth.net/mmfaq.htm" target=_blank
>>> > >http://mailman.qth.net/mmfaq.htm
>>> Post: mailto:
>>> > ymailto="mailto:Harris@...
>>> <mailto:Harris%40mailman.qth.net>"
>>> > href="mailto:Harris@...
>>> <mailto:Harris%40mailman.qth.net>">Harris@...
>>> <mailto:Harris%40mailman.qth.net>
>>>
>>> This list
>>> > hosted by:
>>> > >http://www.qsl.net
>>> Please help support this email list:
>>> > href="http://www.qsl.net/donate.html" target=_blank
>>> > >http://www.qsl.net/donate.html
>>>
>>>
>>>
>>>
>>>
>>> No virus found in this incoming message.
>>> Checked by AVG - www.avg.com
>>> Version: 9.0.819 / Virus Database: 271.1.1/2893 - Release Date: 05/24/10 02:26:00
>>>
>>>
>
>>[Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

577. Looking for Manual on RF-3490 Data Buffer

Yahoo group: harris-radio
Date: 2010-05-25 14:39:54 UTC
From: j.cherry377
Topic: 577 Message: 577

Still looking for a manual or a scan of one for the 3490 series of Data Buffer boxes

578. Fuse holder needed

Yahoo group: harris-radio
Date: 2010-06-08 18:19:06 UTC
From: kg4ojz
Topic: 578 Message: 578

Hello,
Looking for a FHL12U fuse holder for an RF-110 amplifier. A replacement through Newark and other sources list for about 160 - 190 bucks. I just broke the plastic neon bulb holder while moving. Anyone have any ideas? I already checked Surplus Sales of Nebraska, Toronto, Fair, Murphy's, and the usual places.
Bob KG4OJZ (ex K1SUI)

579. Harris RF-505

Yahoo group: harris-radio
Date: 2010-06-09 14:27:07 UTC
From: Berndt Josef Wulf
Topic: 579 Message: 579

G'day,

I'm looking for a Harris RF-505 maintenance manual. Can someone help out?

73, Berndt
VK5ABN

580. RF-3200E multiple questions

Yahoo group: harris-radio
Date: 2010-06-10 18:06:15 UTC
From: Dennis
Topic: 580 Message: 580

Full View
Harris RF3200E questions....
From: Dennis <spike.dennis@...> ...Add to Contacts
To: Mike <km6ab@...>

I have a recently acquired Harris RF-3200E that I'd like to ask some questions about.

#1, What method of voice processing is used? The manual refers to it as having "AUTOMATIC LEVEL CONTROL COMPANDED VOICE PROCESSING". This could mean just about anything.

#2, Is there a hidden menu for adjusting the squelch or is this an internal adjustment? At present it suffers from a lot of erroneous breaking. Also, the audio is never completely muted. The later is most likely an electronic problem or design flaw, rather than adjustment. If there is an internal adjustment for the squelch can you elaborate?

#3, I need to reduce the RF output power to drive an amp, & for use on 60mtrs. Can this be done from the front panel/menu or must I make internal adjustments? I found the hi lo txpwr setting in the menu. Currently low seems to be about 30watts with a good loud whistle. Is there an internal or software adjustment?

#4, Approximately how much did this radio cost when new? It has the optional noise blanker, narrow & wide filters, & milspec ALE.

#5, When did the 3200 series begin & end production?

#6, Is there by chance a service manual?

#7, Why is it that every time the radio is turned on the display reads "NO INDIVIDUALS PROGRAMMED"? If I touch any control I get a loud beep & the display reads "NOT PROGRAMMED PRESS PGM KEY". It appears the ALE option comes on with turn on & I must manually turn it off. What is causing that? How to I shut it the hell off?

Thanks

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

581. Re: [harris-radio] RF-3200E multiple questions

Yahoo group: harris-radio
Date: 2010-06-10 18:36:12 UTC
From: Alex Rokowetz
Topic: 580 Message: 581

Dennis,

I just emailed a user guide and service manual to spike.dennis@yahoo.com

I hope this helps,

Alex
kc2sit

From: Dennis <spike.dennis@...>
To: harris-radio@yahoogroups.com
Sent: Thu, June 10, 2010 2:06:15 PM
Subject: [harris-radio] RF-3200E multiple questions

Full View
Harris RF3200E questions....
From: Dennis <spike.dennis@...> ...Add to Contacts
To: Mike <km6ab@...>

I have a recently acquired Harris RF-3200E that I'd like to ask some questions about.

#1, What method of voice processing is used? The manual refers to it as having "AUTOMATIC LEVEL CONTROL COMPANDED VOICE PROCESSING". This could mean just about anything.

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#3, I need to reduce the RF output power to drive an amp, & for use on 60mtrs. Can this be done from the front panel/menu or must I make internal adjustments? I found the hi lo txpwr setting in the menu. Currently low seems to be about 30watts with a good loud whistle. Is there an internal or software adjustment?

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Thanks

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

[Non-text portions of this message have been removed]

582. Re: [harris-radio] RF-3200E multiple questions

Yahoo group: harris-radio
Date: 2010-06-10 18:56:28 UTC
From: Dennis
Topic: 580 Message: 582

Thanks Alex.
A couple of the T's sold on ebay last year. KA1GON got one just before he left for the Dayton hamfest.

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>
>From: Alex Rokowetz <belarok@...>
>To: harris-radio@yahoogroups.com
>Sent: Thu, June 10, 2010 1:36:12 PM
>Subject: Re: [harris-radio] RF-3200E multiple questions
>
> >
>>
>
>Dennis,
>
>>I just emailed a user guide and service manual to spike.dennis@...
>
>>I hope this helps,
>
>>Alex
>>kc2sit
>
>>_____
>>From: Dennis <spike.dennis@yahoo.com>
>>To: harris-radio@yahoogroups.com
>>Sent: Thu, June 10, 2010 2:06:15 PM
>>Subject: [harris-radio] RF-3200E multiple questions
>
>>
>>Full View
>>Harris RF3200E questions....
>>From: Dennis <spike.dennis@...m> ...Add to Contacts
>>To: Mike <km6ab@...>
>
>>_____
>
>>I have a recently acquired Harris RF-3200E that I'd like to ask some questions about.
>
>>#1, What method of voice processing is used? The manual refers to it as having "AUTOMATIC

LEVEL CONTROL COMPANDED VOICE PROCESSING". This could mean just about anything.
>
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>
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>>#4, Approximately how much did this radio cost when new? It has the optional noise blanker, narrow & wide filters, & milspec ALE.
>
>>#5, When did the 3200 series begin & end production?
>
>>#6, Is there by chance a service manual?
>
>>#7, Why is it that every time the radio is turned on the display reads "NO INDIVIDUALS PROGRAMMED"? If I touch any control I get a loud beep & the display reads "NOT PROGRAMMED PRESS PGM KEY". It appears the ALE option comes on with turn on & I must manually turn it off. What is causing that? How to I shut it the hell off?
>
>>Thanks
>
>>Dennis Starks
>>Military-Radio-Guy
>>KB0SFP
>>Monitor(all USB):
>>3996, 5403.5, 7296, 14342.5, 18157.5
>
>>Dennis Starks
>>Military-Radio-Guy
>>KB0SFP
>>Monitor(all USB):
>>3996, 5403.5, 7296, 14342.5, 18157.5
>
>>[Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

583. Re: [harris-radio] RF-3200E multiple questions

Yahoo group: harris-radio
Date: 2010-06-10 19:58:43 UTC
From: Joel
Topic: 580 Message: 583

Hi Alex,

Can you PLEASE send me a copy of both manuals if you don't mind. If this email address don't take it, use my Gmail v44kai@...

Will appreciate it very much.

v44kai.....Joel.

----- Original Message -----
From: "Alex Rokowetz" <belarok@...>
To: <harris-radio@yahoogroups.com>
Sent: Thursday, June 10, 2010 1:36 PM

Subject: Re: [harris-radio] RF-3200E multiple questions

Dennis,

I just emailed a user guide and service manual to spike.dennis@...

I hope this helps,

Alex
kc2sit

From: Dennis <spike.dennis@...>
To: harris-radio@yahoogroups.com
Sent: Thu, June 10, 2010 2:06:15 PM
Subject: [harris-radio] RF-3200E multiple questions

Full View
Harris RF3200E questions....
From: Dennis <spike.dennis@...> ...Add to Contacts
To: Mike <km6ab@...>

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Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

[Non-text portions of this message have been removed]

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.437 / Virus Database: 271.1.1/2929 - Release Date: 06/10/10 06:35:00

--
I am using the free version of SPAMfighter.
We are a community of 7 million users fighting spam.
SPAMfighter has removed 941 of my spam emails to date.
Get the free SPAMfighter here: http://www.spamfighter.com/len

The Professional version does not have this message

584. Re: [harris-radio] RF-3200E multiple questions

Yahoo group: harris-radio
Date: 2010-06-10 21:15:08 UTC
From: Joel
Topic: 580 Message: 584

Dennis,

I have the RF-3200, and I think they are both similar except for frequency coverage,
Q..1 and 2 has internal adjustments.

Q2.. menu should be about the power I think 50watts, but I think for both menu setting there is a pot, (subject to correction)

Q..3 set the menu to low power, then do the internal adjustment.

Only these can help with.

Roger waldmiler (alphapapa he is on this group) the person to answer all your questions to the "T" he has a 5 star on these rigs.

v44kai.....Joel.

----- Original Message -----
From: "Dennis" <spike.dennis@...>
To: <harris-radio@yahoogroups.com>
Sent: Thursday, June 10, 2010 1:06 PM
Subject: [harris-radio] RF-3200E multiple questions

> Full View
> Harris RF3200E questions....
> From: Dennis <spike.dennis@...> ...Add to Contacts
> To: Mike <km6ab@...>
>
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> the display reads "NOT PROGRAMMED PRESS PGM KEY". It appears the ALE
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> Thanks
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> Dennis Starks
> Military-Radio-Guy
> KB0SFP
> Monitor(all USB):
> 3996, 5403.5, 7296, 14342.5, 18157.5
>
>
>
>
>
> Dennis Starks
> Military-Radio-Guy
> KB0SFP
> Monitor(all USB):
> 3996, 5403.5, 7296, 14342.5, 18157.5
>
>
>
>
>
>
> ---
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to
> get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>

>
>

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.437 / Virus Database: 271.1.1/2929 - Release Date: 06/10/10
06:35:00

--
I am using the free version of SPAMfighter.
We are a community of 7 million users fighting spam.
SPAMfighter has removed 941 of my spam emails to date.
Get the free SPAMfighter here: http://www.spamfighter.com/len

The Professional version does not have this message

585. Re: [harris-radio] RF-3200E multiple questions

Yahoo group: harris-radio
Date: 2010-06-10 21:02:54 UTC
From: S C Marrow
Topic: 580 Message: 585

Didn't you get the manual mike had?

KM4V
----- Original Message -----
From: Dennis
To: harris-radio@yahoogroups.com
Sent: Thursday, June 10, 2010 2:06 PM
Subject: [harris-radio] RF-3200E multiple questions

Full View
Harris RF3200E questions....
From: Dennis <spike.dennis@...> ...Add to Contacts
To: Mike <km6ab@...>

I have a recently acquired Harris RF-3200E that I'd like to ask some questions about.

#1, What method of voice processing is used? The manual refers to it as having "AUTOMATIC LEVEL CONTROL COMPANDED VOICE PROCESSING". This could mean just about anything.

#2, Is there a hidden menu for adjusting the squelch or is this an internal adjustment? At present it suffers from a lot of erroneous breaking. Also, the audio is never completely muted. The later is most likely an electronic problem or design flaw, rather than adjustment. If there is an internal adjustment for the squelch can you elaborate?

#3, I need to reduce the RF output power to drive an amp, & for use on 60mtrs. Can this be done from the front panel/menu or must I make internal adjustments? I found the hi lo txpwr setting in the menu. Currently low seems to be about 30watts with a good loud whistle. Is there an internal or software adjustment?

#4, Approximately how much did this radio cost when new? It has the optional noise blanker, narrow & wide filters, & milspec ALE.

#5, When did the 3200 series begin & end production?

#6, Is there by chance a service manual?

#7, Why is it that every time the radio is turned on the display reads "NO INDIVIDUALS PROGRAMMED"? If I touch any control I get a loud beep & the display reads "NOT PROGRAMMED PRESS PGM KEY". It appears the ALE option comes on with turn on & I must manually turn it off. What is causing that? How to I shut it the hell off?

Thanks

Dennis Starks
Military-Radio-Guy
KB0SFP

Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

[Non-text portions of this message have been removed]

586. Re: [harris-radio] RF-3200E multiple questions

Yahoo group: harris-radio
Date: 2010-06-10 21:31:12 UTC
From: S C Marrow
Topic: 580 Message: 586

Didn't you go to KO4BBs site and download them....I posted the info about his site in message 406 on this group. Wonder if there the same manuals from his site?

Steve
KM4V
----- Original Message -----
From: Dennis
To: harris-radio@yahoogroups.com
Sent: Thursday, June 10, 2010 2:06 PM
Subject: [harris-radio] RF-3200E multiple questions

Full View
Harris RF3200E questions....
From: Dennis <spike.dennis@...> ...Add to Contacts
To: Mike <km6ab@...>

I have a recently acquired Harris RF-3200E that I'd like to ask some questions about.

#1, What method of voice processing is used? The manual refers to it as having "AUTOMATIC LEVEL CONTROL COMPANDED VOICE PROCESSING". This could mean just about anything.

#2, Is there a hidden menu for adjusting the squelch or is this an internal adjustment? At present it suffers from a lot of erroneous breaking. Also, the audio is never completely muted. The later is most likely an electronic problem or design flaw, rather than adjustment. If there is an internal adjustment for the squelch can you elaborate?

#3, I need to reduce the RF output power to drive an amp, & for use on 60mtrs. Can this be done from the front panel/menu or must I make internal adjustments? I found the hi lo txpwr setting in the menu. Currently low seems to be about 30watts with a good loud whistle. Is there an internal or software adjustment?

#4, Approximately how much did this radio cost when new? It has the optional noise blanker, narrow & wide filters, & milspec ALE.

#5, When did the 3200 series begin & end production?

#6, Is there by chance a service manual?

#7, Why is it that every time the radio is turned on the display reads "NO INDIVIDUALS PROGRAMMED"? If I touch any control I get a loud beep & the display reads "NOT PROGRAMMED PRESS PGM KEY". It appears the ALE option comes on with turn on & I must manually turn it off. What is causing that? How to I shut it the hell off?

Thanks

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

[Non-text portions of this message have been removed]

587. RE: [harris-radio] RF-3200E multiple questions

Yahoo group: harris-radio
Date: 2010-06-10 23:29:27 UTC
From: Roger Waldmiller
Topic: 580 Message: 587

Hi all .... Denis, Joel

You know the are different manuals for the 3200 series . There are the early 3200 and the later 3200E's the manuals are different .

The older 3200, which is what you have Joel, is 10212-0300 , latest is pub rev C the operating manuals are 10212-0050 -,A,B,C , and D. It depends on the software in the radio what manual rev is best .

The 3200 E uses the 10212-0300-20 service manual and the operators manual is 10212-0050-20

THERE ARE DIFFERENCES BETWEEN THE 3200 AND THE 3200E . THE SAME GOES FOR THE 3200T AND THE 3200ET

I can be of assistance , just E mail me . Directly
Glad to help

Regards

Roger waldmiller
waldrgrmllr@...
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Joel
Sent: Thursday, June 10, 2010 3:59 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF-3200E multiple questions

Hi Alex,

Can you PLEASE send me a copy of both manuals if you don't mind. If this email address don't take it, use my Gmail v44kai@...
<mailto:v44kai%40gmail.com>

Will appreciate it very much.

v44kai.....Joel.

----- Original Message -----
From: "Alex Rokowetz" <belarok@... <mailto:belarok%40yahoo.com> >
To: <harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com> >
Sent: Thursday, June 10, 2010 1:36 PM

Subject: Re: [harris-radio] RF-3200E multiple questions

Dennis,

I just emailed a user guide and service manual to spike.dennis@...
<mailto:spike.dennis%40yahoo.com>

I hope this helps,

Alex
kc2sit

From: Dennis <spike.dennis@... <mailto:spike.dennis%40yahoo.com> >
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Sent: Thu, June 10, 2010 2:06:15 PM
Subject: [harris-radio] RF-3200E multiple questions

Full View
Harris RF3200E questions....
From: Dennis <spike.dennis@... <mailto:spike.dennis%40yahoo.com> >
...Add to Contacts
To: Mike <km6ab@... <mailto:km6ab%40pacbell.net> >

I have a recently acquired Harris RF-3200E that I'd like to ask some
questions about.

#1, What method of voice processing is used? The manual refers to it as
having "AUTOMATIC LEVEL CONTROL COMPANDED VOICE PROCESSING". This could mean

just about anything.

#2, Is there a hidden menu for adjusting the squelch or is this an internal
adjustment? At present it suffers from a lot of erroneous breaking. Also,
the audio is never completely muted. The later is most likely an electronic
problem or design flaw, rather than adjustment. If there is an internal
adjustment for the squelch can you elaborate?

#3, I need to reduce the RF output power to drive an amp, & for use on
60mtrs. Can this be done from the front panel/menu or must I make internal
adjustments? I found the hi lo txpwr setting in the menu. Currently low
seems to be about 30watts with a good loud whistle. Is there an internal or
software adjustment?

#4, Approximately how much did this radio cost when new? It has the optional

noise blanker, narrow & wide filters, & milspec ALE.

#5, When did the 3200 series begin & end production?

#6, Is there by chance a service manual?

#7, Why is it that every time the radio is turned on the display reads "NO
INDIVIDUALS PROGRAMMED"? If I touch any control I get a loud beep & the
display reads "NOT PROGRAMMED PRESS PGM KEY". It appears the ALE option

comes on with turn on & I must manually turn it off. What is causing that?
How to I shut it the hell off?

Thanks

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

Dennis Starks
Military-Radio-Guy
KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

[Non-text portions of this message have been removed]

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get
to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

No virus found in this incoming message.
Checked by AVG - www.avg.com
Version: 8.5.437 / Virus Database: 271.1.1/2929 - Release Date: 06/10/10
06:35:00

--
I am using the free version of SPAMfighter.
We are a community of 7 million users fighting spam.
SPAMfighter has removed 941 of my spam emails to date.
Get the free SPAMfighter here: http://www.spamfighter.com/len

The Professional version does not have this message

[Non-text portions of this message have been removed]

588. Re: [harris-radio] RF-3200E multiple questions

Yahoo group: harris-radio
Date: 2010-06-10 23:43:29 UTC
From: Dennis
Topic: 580 Message: 588

There are the early 3200 and the later 3200E's the manuals are different .
>----------
>I assumed that but figured anything was better than nothing. Alex sent me four PDF files that have been around the internet & indeed one of the boards of interest was different that the one in my later model one. But it did point me in the right direction. I have confirmed in the process that the syllabic squelch in the 3200E is not as good as the ones in my TW100 & SEA222.
>
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>
>I can be of assistance , just E mail me . Directly
>Glad to help
>----------
>Will do when needed.
>
>
>
>Thanks
>
>
>
>Dennis Starks
>Military-Radio-Guy
>KB0SFP
>Monitor(all USB):
>3996, 5403.5, 7296, 14342.5, 18157.5

[Non-text portions of this message have been removed]

589. RE: [harris-radio] RF-3200E multiple questions

Yahoo group: harris-radio
Date: 2010-06-11 00:52:30 UTC
From: Roger Waldmiller
Topic: 580 Message: 589

Hi Dennis
THX for the return reply.

Yes that syllabic sq is not like the noise sq in all the 2 way radios . I had to get used to it .

Keep my E mail handy if you need /have any questions on any of the 3200's

Regards
Roger

waldrgrmllr@...
alphapapa 3200 2000
Rochester, New York

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Dennis
Sent: Thursday, June 10, 2010 7:43 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF-3200E multiple questions

There are the early 3200 and the later 3200E's the manuals are different .
>----------
>I assumed that but figured anything was better than nothing. Alex sent me four PDF files that have been around the internet & indeed one of the boards of interest was different that the one in my later model one. But it did point me in the right direction. I have confirmed in the process that the syllabic squelch in the 3200E is not as good as the ones in my TW100 & SEA222.
>
>
>
>
>
>I can be of assistance , just E mail me . Directly
>Glad to help
>----------
>Will do when needed.
>
>
>
>Thanks
>
>
>

>Dennis Starks
>Military-Radio-Guy
>KB0SFP
>Monitor(all USB):
>3996, 5403.5, 7296, 14342.5, 18157.5

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

590. Request info on RF-5833H 150 watt amp

Yahoo group: harris-radio
Date: 2010-06-11 14:47:45 UTC
From: W5API CHUCK
Topic: 590 Message: 590

Does anyone have any information on a RF-5833H 150 watt amp for a PRC-150 but also works on a PRC-138????? Install guide, operators manual, service manual, etc. anything would be nice. Would be happy with copies that I am willing to pay for or digital files. ANYTHING!!!

Thanks,
Chuck
W5API

591. Re: [harris-radio] Request info on RF-5833H 150 watt amp

Yahoo group: harris-radio
Date: 2010-06-12 01:10:03 UTC
From: Steve Sykes
Topic: 590 Message: 591

Chuck,
The PRC-138 doesn't have the correct alc to work with an RF-5833H unless it is a V2 model which is fairly rare. If you manually adjust the PRC-138 output power, it will work, but not correctly.
There are no digital copies of manuals available legally, they are ITAR, copyrighted and not available to the general public.

Steve
KD2OM/NNN0HSB

On 6/11/2010 10:47 AM, W5API CHUCK wrote:
>
> Does anyone have any information on a RF-5833H 150 watt amp for a
> PRC-150 but also works on a PRC-138????? Install guide, operators
> manual, service manual, etc. anything would be nice. Would be happy
> with copies that I am willing to pay for or digital files.
> ANYTHING!!!
>
> Thanks,
> Chuck
> W5API
>
>

[Non-text portions of this message have been removed]

592. Re: Request info on RF-5833H 150 watt amp

Yahoo group: harris-radio
Date: 2010-06-12 02:50:32 UTC
From: prcradio
Topic: 590 Message: 592

The PRC-138 talks to the RF-5033 via serial bus and there is no ALC line. The amp tells the 138 to output 100mw automatically, you can't manually adjust the power to 100mw.

The manuals are legal to own and Harris would be happy to sell you one. I got one but will not make any copies, sorry.

Many 138s I have seen are V2 versions. If the 5033 is real new there may be a firmware compatibility problem with the 138, you might want to verify this with Harris.

Mike

--- In harris-radio@yahoogroups.com, Steve Sykes <steve@...> wrote:
>
> Chuck,
> The PRC-138 doesn't have the correct alc to work with an RF-5833H unless
> it is a V2 model which is fairly rare. If you manually adjust the
> PRC-138 output power, it will work, but not correctly.
> There are no digital copies of manuals available legally, they are ITAR,
> copyrighted and not available to the general public.
>
> Steve
> KD2OM/NNN0HSB
>
> On 6/11/2010 10:47 AM, W5API CHUCK wrote:
> >
> > Does anyone have any information on a RF-5833H 150 watt amp for a
> > PRC-150 but also works on a PRC-138????? Install guide, operators
> > manual, service manual, etc. anything would be nice. Would be happy
> > with copies that I am willing to pay for or digital files.
> > ANYTHING!!!
> >
> > Thanks,
> > Chuck
> > W5API
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

593. Re: [harris-radio] Re: Request info on RF-5833H 150 watt amp

Yahoo group: harris-radio
Date: 2010-06-12 03:02:23 UTC
From: Steve Sykes
Topic: 590 Message: 593

I never said there was an ALC line, you are correct that the 138 talks
via a serial port. You can adjust the output manually with a command,
TXG I believe. I also didn't say that the manuals are not legal to own,
copies are not legal.

Steve KD2OM/NNN0HSB

On 6/11/2010 10:50 PM, prcradio wrote:
>
> The PRC-138 talks to the RF-5033 via serial bus and there is no ALC
> line. The amp tells the 138 to output 100mw automatically, you can't
> manually adjust the power to 100mw.
>
> The manuals are legal to own and Harris would be happy to sell you
> one. I got one but will not make any copies, sorry.
>
> Many 138s I have seen are V2 versions. If the 5033 is real new there
> may be a firmware compatibility problem with the 138, you might want
> to verify this with Harris.
>
> Mike
>
> --- In harris-radio@yahoogroups.com
> <mailto:harris-radio%40yahoogroups.com>, Steve Sykes <steve@...> wrote:
> >
> > Chuck,
> > The PRC-138 doesn't have the correct alc to work with an RF-5833H
> unless
> > it is a V2 model which is fairly rare. If you manually adjust the
> > PRC-138 output power, it will work, but not correctly.
> > There are no digital copies of manuals available legally, they are
> ITAR,
> > copyrighted and not available to the general public.
> >
> > Steve
> > KD2OM/NNN0HSB
> >
> > On 6/11/2010 10:47 AM, W5API CHUCK wrote:
> > >
> > > Does anyone have any information on a RF-5833H 150 watt amp for a
> > > PRC-150 but also works on a PRC-138????? Install guide, operators
> > > manual, service manual, etc. anything would be nice. Would be happy
> > > with copies that I am willing to pay for or digital files.
> > > ANYTHING!!!
> > >

> > > Thanks,
> > > Chuck
> > > W5API
> > >
> > >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

594. Re: Request info on RF-5833H 150 watt amp

Yahoo group: harris-radio
Date: 2010-06-12 03:16:06 UTC
From: prcradio
Topic: 590 Message: 594

Ok, all is good.

I can probably answer 5033 questions for Chuck but there is not much to say, either the amp works with your 138 or not.

Mike

--- In harris-radio@yahoogroups.com, Steve Sykes <steve@...> wrote:
>
> I never said there was an ALC line, you are correct that the 138 talks
> via a serial port. You can adjust the output manually with a command,
> TXG I believe. I also didn't say that the manuals are not legal to own,
> copies are not legal.
>
> Steve KD2OM/NNN0HSB
>

595. harris info needed

Yahoo group: harris-radio
Date: 2010-06-17 14:52:40 UTC
From: grg
Topic: 595 Message: 595

I have recently acquired a rf-5254c modem and would like to find a
manual or at least a pin-out for it so I can check it out.
I also was assigned a MARS RF-7210 that is in bad shape and I need a
manual and some parts.
I would like to purchase a rf-901a phone patch in working shape if possible.
i have some other harris requests and i do have some rf-230 stuff to
trade or will buy my needs outright if necessary.
Tnx, George W5GRG, AFA6GG

596. Info on RF-5466 modem wanted

Yahoo group: harris-radio
Date: 2010-07-19 15:00:20 UTC
From: oe5rho
Topic: 596 Message: 596

Hello!

recently aquired a RF-5466 39 tone modem. Unfortunately I don't have a manual.
I'm searching for a pinout of the "Data" "Audio out" connector and the power connector of the battery eliminator.

Thanks for any help.

Roland

597. Harris RF-350K

Yahoo group: harris-radio
Date: 2010-07-19 18:05:30 UTC
From: guentsi2002
Topic: 597 Message: 597

Hi,
i am looking for a display board a1a11a2 for my rf-350k.Does anybody know something?
73 de OE3VRC,Guenter

598. re: Radio Emulation in new PC-ALE v1.072

Yahoo group: harris-radio
Date: 2010-07-20 15:56:15 UTC
From: N2CKH
Topic: 597 Message: 598

Hello All,

I have added a host of additional radio control to PC-ALE, especially Radio Emulation, where PC-ALE automatically looks like a KENWOOD (TS-480 in particular) or ICOM (IC746PRO in particular) to any 3rd party application. The main purpose of this is for follow on communications after the ALE link, however PC-ALE can just sit there without being use for any ALE and act as a radio server where the 3rd party program can then control your radio that it normally has no idea how to control, which is the case with all ham program and Harris radios.

The present level of radio emulation does not give the 3rd party software control of all radio features, in fact mapping such control will not possible with all radio features, however the next level of support that I add will provide for much more than Frequency, Mode and PTT control where features between the two specific models of KENWOOD and ICOM radios can be mapped to a supported radio type. However using Man Machine Interface (MMI) commands I have provided in PC-ALE, if you know the command set of your radio, then you have full control of any feature of the radio on the fly or by creating an MMI MACRO inside PC-ALE.

It is really nice to control my RF-350K with any ham program that I desire via PC-ALE, give it try, the full install can be had at:

http://www.n2ckh.com/PC_ALE_FORUM/PCALEv1072A_FI.zip

For MARS members this support will be coming to MARS-ALE soon.

/s/ Steve, N2CKH
www.n2ckh.com/PC_ALE_FORUM/

599. Prc-320 group invite

Yahoo group: harris-radio
Date: 2010-07-22 17:57:48 UTC
From: martin
Topic: 599 Message: 599

Hi All
you are invited to join the prc-320 user group, dedicated to the Clansman prc320 family.
here you will be able to exchange technical ideas,problems, fixes, buy and sell ect.
I look forward to your visit.

Martin G7JWR

http://groups.yahoo.com/group/prc320/

600. Alpha 2000 programming

Yahoo group: harris-radio
Date: 2010-08-12 18:22:12 UTC
From: ve6bgt
Topic: 600 Message: 600

Hello everyone, I am new to the group and wanted to see if any of you can help me getting these alpha 2000 working on freq easier...We have been using them for years, a friend of mine took the original prom out and we adapted a 2716 to go in its place..He figured out the code and with a old burner stepped through line by line the configuration steps...Up till now I have been just cloning the 2716 and using the radios for the same linking radios into our UHF hub...Now I want to use the radios for another freq and have been trying to backward engineer his code work to figure how he came up with the prom code..I have the Harris manuals but I have to admit I am rather dumb at figuring out the code for the 2716...Is there any other way to set these up using a external controller plugged into the prom socket..say using dip switches, a PIC maybe???? Thanks for your help...Skip, VE6BGT..

601. Re: Alpha 2000 programming

Yahoo group: harris-radio
Date: 2010-09-10 03:00:08 UTC
From: Charles
Topic: 600 Message: 601

Skip,
I used to have the factory documentation on programming the Alpha. I will have to look thru some boxes, it might take a week or two before I can get to it.

In the meantime I do have some kind of basic program on my computer. I can't run it but when I look at it with Notepad it has a bunch of gibberish and words that looks like an electronic cheat sheet. If you have some way of running it I can email it to you.

Charles WA5VHU

--- In harris-radio@yahoogroups.com, "ve6bgt" <macaulay@...> wrote:
>
> Hello everyone, I am new to the group and wanted to see if any of you can help me getting these alpha 2000 working on freq easier...We have been using them for years, a friend of mine took the original prom out and we adapted a 2716 to go in its place..He figured out the code and with a old burner stepped through line by line the configuration steps...Up till now I have been just cloning the 2716 and using the radios for the same linking radios into our UHF hub...Now I want to use the radios for another freq and have been trying to backward engineer his code work to figure how he came up with the prom code..I have the Harris manuals but I have to admit I am rather dumb at figuring out the code for the 2716...Is there any other way to set these up using a external controller plugged into the prom socket..say using dip switches, a PIC maybe???? Thanks for your help...Skip, VE6BGT..
>

602. RF-550 Receiver on EBay

Yahoo group: harris-radio
Date: 2010-09-10 03:02:32 UTC
From: Charles
Topic: 602 Message: 602

I have a RF-550 HF receiver on EBay at http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=190441052808&ssPageName=ADME:L:LCA:US:1123

If the link does not work the item number is 190441052808

Thanks,

Charles WA5VHU

603. RF-350K synthesizer fault

Yahoo group: harris-radio
Date: 2010-09-21 01:31:49 UTC
From: JC
Topic: 603 Message: 603

Hi,

After giving me good service for a several years, my RF-350K suddenly shows a fault at stat-up: 1A1 A10 1 (synthesizer unlock or not locking). The frequency displays a series of zeros.

Has anyone experienced this and is there an easy fix?

Thanks,
JC
VE7OI

[Non-text portions of this message have been removed]

604. FS- Harris RF-7210A Adaptive controller Autolink II

Yahoo group: harris-radio
Date: 2010-09-24 21:05:48 UTC
From: JC
Topic: 604 Message: 604

Hi all,

Yesterday I posted the following and NOW you can see pictures of the item by going to the following link:

http://s905.photobucket.com/albums/ac256/Daehler/Harris%20RF-7210A/
<http://s905.photobucket.com/albums/ac256/Daehler/Harris%20RF-7210A/>

I have a Harris RF-7210A Adaptive controller Autolink II for sale.
It passes the BIT self test. Was used previously by a US MARS operator for ALE.
The unit is very clean, front panel looks like new (9 out of 10) non smoking environment, and would be an excellent addition to a RF-350K / RT-1446 transceiver for ALE operation. It can also be used as a remote for the RF-350K radio system. I used it for a while in this mode.

It comes with a 115 Vac power cable and a connecting cable for the RF-350K transceiver. AS well as a copy of the operation/Service manual on CD in PDF format. The manual describes for example the step by step programming of your specific parameters.

I am asking 600$ plus shipping from west coast Canada. As far as I know these units are pretty rare.

Please contact me off list at jc.daehler at gmail dot com. I can send more info and the original pictures to anyone interested

Thanks
JC
VE7OI

[Non-text portions of this message have been removed]

605. Re: Alpha 2000 programming

Yahoo group: harris-radio
Date: 2010-09-27 04:41:52 UTC
From: ve7fet
Topic: 600 Message: 605

Hi Skip,

If you're using the 2716, I can help you.

Send me an email and I'll get you all set up.

I've got a DOS program that a friend wrote many moons ago that I can create .hex files with to burn in to an EPROM. I'll need to know what channels you want programmed, and the type of ULIB you have.

The programming is quite convoluted, they swap some nibbles around and stuff, so you'd never figure it out. :)

Cheers!

Lee

--- In harris-radio@yahoogroups.com, "ve6bgt" <macaulay@...> wrote:
>
> Hello everyone, I am new to the group and wanted to see if any of you can help me getting these alpha 2000 working on freq easier...We have been using them for years, a friend of mine took the original prom out and we adapted a 2716 to go in its place..He figured out the code and with a old burner stepped through line by line the configuration steps...Up till now I have been just cloning the 2716 and using the radios for the same linking radios into our UHF hub...Now I want to use the radios for another freq and have been trying to backward engineer his code work to figure how he came up with the prom code..I have the Harris manuals but I have to admit I am rather dumb at figuring out the code for the 2716...Is there any other way to set these up using a external controller plugged into the prom socket..say using dip switches, a PIC maybe???? Thanks for your help...Skip, VE6BGT..
>

606. PRC-320 user group invite

Yahoo group: harris-radio
Date: 2010-09-27 17:46:32 UTC
From: martin
Topic: 606 Message: 606

A bit off topic but i know some of you are military radio collectors so here goes.

Hi All
you are invited to join the prc-320 user group, dedicated to the Clansman prc320 family.
here you will be able to exchange technical ideas,problems, fixes, buy and sell ect.
I look forward to your visit.

Martin G7JWR

http://groups.yahoo.com/group/prc320/

607. Hello Group

Yahoo group: harris-radio
Date: 2010-09-27 18:18:52 UTC
From: Stuart
Topic: 607 Message: 607

Hi Group

Just thought i would introduce myself.

Just taken delivery of a couple of RT-1694's otherwise known as the RT -138.

I am looking for a power input plug and lead assembly (Or just the Plug and AC wiring Diagram) for the Harris PSU 6130-17-111-9608, also looking for 28v output plugs or lead assembly for same, as I have the battery charger/Discharger 6130-17-111-9607 but not input lead!!

I have battery's and the sets are working well, i have the intermediate handbooks, but would like to find the 100 watt amp, or audio amp, and also a suitable ATU, do you run one of these units, can you help. Goiod quality kit BTW, and i'mm glad they are the same batterys as our MOD use today for Bowman Hi hi!

Cheers all

Stuart
G0TBI

See QRZ.com

608. Harris PSU 24 v... AC powered PP37120

Yahoo group: harris-radio
Date: 2010-09-29 19:51:59 UTC
From: Stuart
Topic: 608 Message: 608

Hi Group

Anyone run one of these Harris 28 v PSU's AC powered, looking for the wiring diagram for the 3 input pins, also what is the designation of the 3 pin socket with thread? i am looking to find one

That is today's question, answers on a postcard please Hi hi

Cheers

Stuart
G0TBI

609. Re: Harris PSU 24 v... AC powered PP37120

Yahoo group: harris-radio
Date: 2010-09-30 05:31:27 UTC
From: oe5rho
Topic: 608 Message: 609

Hello!

Not shure which PSU you refer to, but for the RF-5051 and RF-5055 PS the cable 10181-9831 is used. Pin asingment is as follows:

A Line
B Ground
C Neutral

Please also read your yahoo mail!

Regards,

Roland

--- In harris-radio@yahoogroups.com, "Stuart" <Stuartjmckinnon@...> wrote:
>
> Hi Group
>
> Anyone run one of these Harris 28 v PSU's AC powered, looking for the wiring diagram for the 3 input pins, also what is the designation of the 3 pin socket with thread? i am looking to find one
>
> That is today's question, answers on a postcard please Hi hi
>
> Cheers
>
> Stuart
> G0TBI
>

610. Re: [harris-radio] Harris PSU 24 v... AC powered PP37120

Yahoo group: harris-radio
Date: 2010-09-30 09:02:42 UTC
From: Steve Sykes
Topic: 608 Message: 610

A = Line
B = Ground
C = Neutral

The connector is MS3116J12-3S

Steve KD2OM/NNN0HSB

On 09/29/2010 03:51 PM, Stuart wrote:
>
> Hi Group
>
> Anyone run one of these Harris 28 v PSU's AC powered, looking for the
> wiring diagram for the 3 input pins, also what is the designation of
> the 3 pin socket with thread? i am looking to find one
>
> That is today's question, answers on a postcard please Hi hi
>
> Cheers
>
> Stuart
> G0TBI
>
>

[Non-text portions of this message have been removed]

611. Re: Harris PSU 24 v... AC powered PP37120

Yahoo group: harris-radio
Date: 2010-10-05 15:44:32 UTC
From: Stuart
Topic: 608 Message: 611

Group

Just an update, found a 3 pin cable female/male that fitted the PSU to Charger, hot wired the mains input with shrink Tube (Temporary Job), but now 5 out of six batterys are 100%, I find the documentation I have is the RT 1694 intermediate Maintenacnce manual, and really does not cover basic operation, does anyone have the manual in electronic format, please

Stuart j Mckinnon
G0TBI

Hoping to be on the air in 3.5hrs for the VMARS Wednesday USB net!! cheers

--- In harris-radio@yahoogroups.com, Steve Sykes <steve@...> wrote:
>
> A = Line
> B = Ground
> C = Neutral
>
>
> The connector is MS3116J12-3S
>
> Steve KD2OM/NNN0HSB
>
> On 09/29/2010 03:51 PM, Stuart wrote:
> >
> > Hi Group
> >
> > Anyone run one of these Harris 28 v PSU's AC powered, looking for the
> > wiring diagram for the 3 input pins, also what is the designation of
> > the 3 pin socket with thread? i am looking to find one
> >
> > That is today's question, answers on a postcard please Hi hi
> >
> > Cheers
> >
> > Stuart
> > G0TBI
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

612. RF-350K help

Yahoo group: harris-radio
Date: 2010-10-06 01:34:39 UTC
From: vk5abc
Topic: 505 Message: 612

Hello All

Is it possible to tell from the error code which relays in the LPF pwb have to be replaced? If not how do you find the defective relays?

Lee

613. Re: [harris-radio] RF-350K help

Yahoo group: harris-radio
Date: 2010-10-06 08:47:34 UTC
From: Steve Sykes
Topic: 505 Message: 613

Yes, the number that shows up is the band. The manual shows which relays are associated with a band. This narrows it to 2 relays.

Steve KD2OM/NNN0HSB
On 10/05/2010 09:34 PM, vk5abc wrote:
>
> Hello All
>
> Is it possible to tell from the error code which relays in the LPF pwb
> have to be replaced? If not how do you find the defective relays?
>
> Lee
>
>

[Non-text portions of this message have been removed]

614. Re: [harris-radio] RF-350K help

Yahoo group: harris-radio
Date: 2010-10-06 13:23:32 UTC
From: L D Ritta
Topic: 505 Message: 614

I found the manual but not all the relays are identified/numbered so
where is K1

Lee

615. Re: [harris-radio] RF-350K help

Yahoo group: harris-radio
Date: 2010-10-06 13:47:34 UTC
From: JC Daehler
Topic: 505 Message: 615

Lee,
For your info, the faulty relay(s) may or may not to be replaced. You can first try to buff the contacts using a sheet of paper through the closed contacts to remove oxidation.

Good luck
JC
VE7OI

From: L D Ritta <vk5abc@...>
To: harris-radio@yahoogroups.com
Sent: Wed, October 6, 2010 6:23:32 AM
Subject: Re: [harris-radio] RF-350K help

I found the manual but not all the relays are identified/numbered so where is K1

Lee

[Non-text portions of this message have been removed]

616. Re: [harris-radio] RF-350K help

Yahoo group: harris-radio
Date: 2010-10-06 21:05:05 UTC
From: S C Marrow
Topic: 505 Message: 616

Lee,

On occasion my 350 shows a LP filter board failure code; when it does I just cycle thru each band and transmit some AM carrier or just give a long Five..... (5) on SSB and then rerun the Bite, this usually resolves the problem. This is a well known fault with these radios and there is a mod to circulate a small DC current thru the contacts to keep them from oxidizing....but as I said the above usually resolves it....or at least it always has for my radio. Been using this method for over 5 years....I would try it first. Also search the net for the relay mod, if you can't find it let me know I have a copy somewhere; although I never done mine since I discovered the above fix.

Steve
KM4V
----- Original Message -----
From: JC Daehler
To: harris-radio@yahoogroups.com
Sent: Wednesday, October 06, 2010 9:47 AM
Subject: Re: [harris-radio] RF-350K help

Lee,
For your info, the faulty relay(s) may or may not to be replaced. You can first try to buff the contacts using a sheet of paper through the closed contacts to remove oxidation.

Good luck
JC
VE7OI

From: L D Ritta <vk5abc@...>
To: harris-radio@yahoogroups.com
Sent: Wed, October 6, 2010 6:23:32 AM
Subject: Re: [harris-radio] RF-350K help

I found the manual but not all the relays are identified/numbered so where is K1

Lee

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

617. Harris RF-7210A ALE controller FS

Yahoo group: harris-radio
Date: 2010-10-06 22:09:38 UTC
From: JC
Topic: 617 Message: 617

FS- Harris RF-7210A Adaptive controller Autolink II
Hi All,

For anyone interested, I have listed my Harris RF7210A ALE controller on the well know auction site.

http://cgi.ebay.ca/ws/eBayISAPI.dll?ViewItem&item=190453331795&ssPageNam\
e=ADME:L:LCA:CA:1123

Tks
JC
VE7OI

[Non-text portions of this message have been removed]

618. Re: Harris PSU 24 v... AC powered PP37120

Yahoo group: harris-radio
Date: 2010-10-07 08:36:38 UTC
From: oe5rho
Topic: 608 Message: 618

Did you read the mail I sent to your yahoo email address?

Roland

--- In harris-radio@yahoogroups.com, "Stuart" <Stuartjmckinnon@...> wrote:
>
> Group
>
> Just an update, found a 3 pin cable female/male that fitted the PSU to Charger, hot wired the mains input with shrink Tube (Temporary Job), but now 5 out of six batterys are 100%, I find the documentation I have is the RT 1694 intermediate Maintenacnce manual, and really does not cover basic operation, does anyone have the manual in electronic format, please
>
> Stuart j Mckinnon
> G0TBI
>

619. Re: RF-350K help

Yahoo group: harris-radio
Date: 2010-10-07 10:32:35 UTC
From: Steve
Topic: 505 Message: 619

This link has the board layout with the relays identified.

http://www.scribd.com/doc/28136878/Harris-RF350K-URC-Transceiver-Maintenance-Manual-Depot

Steve KD2OM

--- In harris-radio@yahoogroups.com, L D Ritta <vk5abc@...> wrote:
>
> I found the manual but not all the relays are identified/numbered so
> where is K1
>
> Lee
>

620. Re: RF-350K help

Yahoo group: harris-radio
Date: 2010-10-07 15:38:41 UTC
From: L D Ritta
Topic: 505 Message: 620

Thanks for the replies, I had some relays I got from eBay one or two years ago they
supposed to be new. I replaced K1 and K7 but it still has the same fault 1 A1A5- 1
Does this mean that it is not a relay fault?

Lee

621. Re: RF-350K help

Yahoo group: harris-radio
Date: 2010-10-07 20:02:45 UTC
From: guentsi2002
Topic: 505 Message: 621

Hi,
check ic U1 on lpf board or change it this is the driver for the relais.
73 de OE3VRC
Guenter

--- In harris-radio@yahoogroups.com, L D Ritta <vk5abc@...> wrote:
>
> Thanks for the replies, I had some relays I got from eBay one or two
> years ago they
> supposed to be new. I replaced K1 and K7 but it still has the same
> fault 1 A1A5- 1
> Does this mean that it is not a relay fault?
>
> Lee
>

622. Re: RF-350K help

Yahoo group: harris-radio
Date: 2010-10-07 21:21:18 UTC
From: Steve
Topic: 505 Message: 622

How is the receive sensitivity? By tapping on the LPF does the rx improve or not. My radio fails from time to time, usually I just tap on the board and it will pass. I do want to install the mod to the LPF that helps clean the relays, but haven't yet.

As OE3VRC suggested, check the driver. Also listen for the relays switching when you change bands. You should also be able to feel them engage.

Steve KD2OM

--- In harris-radio@yahoogroups.com, L D Ritta <vk5abc@...> wrote:
>
> Thanks for the replies, I had some relays I got from eBay one or two
> years ago they
> supposed to be new. I replaced K1 and K7 but it still has the same
> fault 1 A1A5- 1
> Does this mean that it is not a relay fault?
>
> Lee
>

623. Re: RF-350K help

Yahoo group: harris-radio
Date: 2010-10-07 22:36:27 UTC
From: L D Ritta
Topic: 505 Message: 623

According to the manual the part number is ULQ-2003R but what does the "R" designate and can I use a ULQ-2003A

Lee

624. Re: [harris-radio] Re: RF-350K help

Yahoo group: harris-radio
Date: 2010-10-07 22:38:00 UTC
From: S C Marrow
Topic: 505 Message: 624

Not sure about the code without digging in the manuals, but its also possible to see or observe the relays visually when they operate.

Steve
KM4V
----- Original Message -----
From: Steve
To: harris-radio@yahoogroups.com
Sent: Thursday, October 07, 2010 5:21 PM
Subject: [harris-radio] Re: RF-350K help

How is the receive sensitivity? By tapping on the LPF does the rx improve or not. My radio fails from time to time, usually I just tap on the board and it will pass. I do want to install the mod to the LPF that helps clean the relays, but haven't yet.

As OE3VRC suggested, check the driver. Also listen for the relays switching when you change bands. You should also be able to feel them engage.

Steve KD2OM

--- In harris-radio@yahoogroups.com, L D Ritta <vk5abc@...> wrote:
>
> Thanks for the replies, I had some relays I got from eBay one or two
> years ago they
> supposed to be new. I replaced K1 and K7 but it still has the same
> fault 1 A1A5- 1
> Does this mean that it is not a relay fault?
>
> Lee
>

[Non-text portions of this message have been removed]

625. Re: RF-350K help

Yahoo group: harris-radio
Date: 2010-10-08 15:47:16 UTC
From: vk5abc
Topic: 505 Message: 625

I replaced K1 and K7 relays,and the relays work so it's not U1.
So I am wondering if it is the bit oscillator or detector?

Lee

--- In harris-radio@yahoogroups.com, "S C Marrow" <Highpwr@...> wrote:
>
> Not sure about the code without digging in the manuals, but its also possible to see or observe the relays visually when they operate.
>
> Steve
> KM4V
> ----- Original Message -----
> From: Steve
> To: harris-radio@yahoogroups.com
> Sent: Thursday, October 07, 2010 5:21 PM
> Subject: [harris-radio] Re: RF-350K help
>
>
>
> How is the receive sensitivity? By tapping on the LPF does the rx improve or not. My radio fails from time to time, usually I just tap on the board and it will pass. I do want to install the mod to the LPF that helps clean the relays, but haven't yet.
>
> As OE3VRC suggested, check the driver. Also listen for the relays switching when you change bands. You should also be able to feel them engage.
>
> Steve KD2OM
>
> --- In harris-radio@yahoogroups.com, L D Ritta <vk5abc@> wrote:
> >
> > Thanks for the replies, I had some relays I got from eBay one or two
> > years ago they
> > supposed to be new. I replaced K1 and K7 but it still has the same
> > fault 1 A1A5- 1
> > Does this mean that it is not a relay fault?
> >
> > Lee
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]

>

626. Re: RF-350K help

Yahoo group: harris-radio
Date: 2010-10-08 15:56:11 UTC
From: guentsi2002
Topic: 505 Message: 626

For test cases you can take the "a" type also but original is original.
I have had the same fault and i changed k1 and k7 and the fault was gone.Before i do this i remove the plastik cap from k1 and k7 and i have clean the contacts with fine sandpaper and contact spray and the fault was gone.In the first case you should take a look on this relays as steve says.
The relaise problem is a harris problem we have the same troubles with our 400W Pa´s on the rf-5000 system.
Do you have the correct designation of the relaise on the lpf board?
If not i can send you one via mail.
73 de OE3VRC
Guenter

--- In harris-radio@yahoogroups.com, L D Ritta <vk5abc@...> wrote:
>
> According to the manual the part number is ULQ-2003R but what does the
> "R" designate and can I use a ULQ-2003A
>
> Lee
>

627. RF-3282?

Yahoo group: harris-radio
Date: 2010-10-08 16:29:12 UTC
From: w2hx_w2hx
Topic: 627 Message: 627

Hey there. Anyone know what this 3282 antenna coupler is all about? I did find some mention of it here:
<http://www.dtic.mil/cgi-bin/GetTRDoc?Location=U2&doc=GetTRDoc.pdf&AD=ADA258347>

Seems it is a "hardened" version of the RF-382A that is more common? Really strange thing is that it does not need a control cable, only RF. I think it was to be used with the RF-3200 series and somehow that series sent control data on the RF line?

I am keenly interested to know if it can work with an RF-5020 set up? I wonder though. The 5020 has coupler selections for RF-382A and RF-2601 (If memory serves). Here is an interesting excerpt from the above document:

"Note that the RF-3282 antenna coupler has the same connections [as the RF-382] except that it uses only one multiplexed coaxial line for power, control and communication. "

I wonder if this unit can simply measure the frequency and adjust accordingly, or what?

Who knows about this interesting coupler!?

73 Eugene W2HX

628. Re: [harris-radio] RF-3282?

Yahoo group: harris-radio
Date: 2010-10-08 18:50:35 UTC
From: RGW
Topic: 627 Message: 628

Hi Eugene W2HX

The Rf 3282 is FOR THE RF 3200 SERIES The case may look the same but the guts are different . It is a companion to the Rf 3281 which is in a fiber glass case. Yes all the signals , Rf and DC are in the coax. It will not work only with RF to tune (the 3200 usually supplies 15-18w for tunning operation . You could supply separate DC for the unit +13.6 vdc) Not sure if you would need the data signals for operation. Far as I know its never been tried. Usually go to a SGC (I believe) coupler.

NOTE : A 382 coupler will work with a 3200 with the proper interface in the 3200 and modifications also to the 382.

No It will NOT work with any of the RF 5000 series 5020, 5022, 5022e This series you will need the RF 382 series.

Regards
Roger
k4alphapapa
3200 2000

----- Original Message -----
From: w2hx_w2hx
To: harris-radio@yahoogroups.com
Sent: Friday, October 08, 2010 12:29 PM
Subject: [harris-radio] RF-3282?

Hey there. Anyone know what this 3282 antenna coupler is all about? I did find some mention of it here:
<http://www.dtic.mil/cgi-bin/GetTRDoc?Location=U2&doc=GetTRDoc.pdf&AD=ADA258347>

Seems it is a "hardened" version of the RF-382A that is more common? Really strange thing is that it does not need a control cable, only RF. I think it was to be used with the RF-3200 series and somehow that series sent control data on the RF line?

I am keenly interested to know if it can work with an RF-5020 set up? I wonder though. The 5020 has coupler selections for RF-382A and RF-2601 (If memory serves). Here is an interesting excerpt from the above document:

"Note that the RF-3282 antenna coupler has the same connections [as the RF-382] except that it uses only one multiplexed coaxial line for power, control and communication. "

I wonder if this unit can simply measure the frequency and adjust accordingly, or what?

Who knows about this interesting coupler!?

73 Eugene W2HX

[Non-text portions of this message have been removed]

629. RE: [harris-radio] RF-3282?

Yahoo group: harris-radio
Date: 2010-10-15 22:06:01 UTC
From: W2HX
Topic: 627 Message: 629

Hi Roger. Thanks a lot for the information on this coupler. Really interesting! Harris sure are a bunch of smart engineers!

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of RGW
Sent: Friday, October 08, 2010 2:51 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF-3282?

Hi Eugene W2HX

The Rf 3282 is FOR THE RF 3200 SERIES The case may look the same but the guts are different . It is a companion to the Rf 3281 which is in a fiber glass case. Yes all the signals , Rf and DC are in the coax. It will not work only with RF to tune (the 3200 usually supplies 15-18w for tunning operation . You could supply separate DC for the unit +13.6 vdc) Not sure if you would need the data signals for operation. Far as I know its never been tried. Usually go to a SGC (I believe) coupler.

NOTE : A 382 coupler will work with a 3200 with the proper interface in the 3200 and modifications also to the 382.

No It will NOT work with any of the RF 5000 series 5020, 5022, 5022e This series you will need the RF 382 series.

Regards
Roger
k4alphapapa
3200 2000

----- Original Message -----
From: w2hx_w2hx
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Sent: Friday, October 08, 2010 12:29 PM
Subject: [harris-radio] RF-3282?

Hey there. Anyone know what this 3282 antenna coupler is all about? I did find some mention of it here:
<http://www.dtic.mil/cgi-bin/GetTRDoc?Location=U2
<http://www.dtic.mil/cgi-bin/GetTRDoc?Location=U2&doc=GetTRDoc.pdf&AD=ADA258
347> &doc=GetTRDoc.pdf&AD=ADA258347>

Seems it is a "hardened" version of the RF-382A that is more common? Really strange thing is that it does not need a control cable, only RF. I think it was to be used with the RF-3200 series and somehow that series sent control

data on the RF line?

I am keenly interested to know if it can work with an RF-5020 set up? I wonder though. The 5020 has coupler selections for RF-382A and RF-2601 (If memory serves). Here is an interesting excerpt from the above document:

"Note that the RF-3282 antenna coupler has the same connections [as the RF-382] except that it uses only one multiplexed coaxial line for power, control and communication. "

I wonder if this unit can simply measure the frequency and adjust accordingly, or what?

Who knows about this interesting coupler!?

73 Eugene W2HX

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

630. Re: Hello Group

Yahoo group: harris-radio
Date: 2010-10-23 10:44:02 UTC
From: Stuart
Topic: 607 Message: 630

Group

What is the going rate for a very nice RT 138, with Antenna batteries and hanset?

What have they made in the past, have you seen one for ssale recently?

Stuart
G0TBI

--- In harris-radio@yahoogroups.com, "Stuart" <Stuartjmckinnon@...> wrote:
>
> Hi Group
>
> Just thought i would introduce myself.
>
> Just taken delivery of a couple of RT-1694's otherwise known as the RT -138.
>
> I am looking for a power input plug and lead assembly (Or just the Plug and AC wiring Diagram) for the Harris PSU 6130-17-111-9608, also looking for 28v output plugs or lead assembly for same, as I have the battery charger/Discharger 6130-17-111-9607 but not input lead!!
>
> I have battery's and the sets are working well, i have the intermediate handbooks, but would like to find the 100 watt amp, or audio amp, and also a suitable ATU, do you run one of these units, can you help. Goiod quality kit BTW, and i'mm glad they are the same batterys as our MOD use today for Bowman Hi hi!
>
> Cheers all
>
> Stuart
> G0TBI
>
> See QRZ.com
>

631. Re: Hello Group

Yahoo group: harris-radio
Date: 2010-10-23 15:29:09 UTC
From: prcradio
Topic: 607 Message: 631

Are you referring to the Harris PRC-138? I've seen recent prices range from $4,300 to $5,200 US.

Here is a link to some currently available units:
http://www.murphyjunk.bizland.com/id4.html

Mike

--- In harris-radio@yahoogroups.com, "Stuart" <Stuartjmckinnon@...> wrote:
>
> Group
>
> What is the going rate for a very nice RT 138, with Antenna batteries and hanset?
>
> What have they made in the past, have you seen one for ssale recently?
>
> Stuart
> G0TBI
>

632. Harris RF-601A

Yahoo group: harris-radio
Date: 2010-11-04 22:49:09 UTC
From: berndt.wulf
Topic: 632 Message: 632

G'day,

I have an opportunity to purchase a RF-601A/C antenna tuner. Unfortunately, photos of the controller show that it may have some problems.

On assembly A3 (power supply), R31, R40 got very hot burning the PCB, whilst the area around VR1 and VR2 shows discoloration . Similarly on A5 (manual speed controller), R1, R2 and the PCB below are burnt.

The current status of the equipment is unknown. Without having access and experience on this equipment it is hard for me to determine the cause of the problem.

Is this a known issue with this equipment? If so, has Harris released a service bulletin to address this problem?

I would also be interested in purchasing a set of spare cards, possible a complete controller. Please contact me off-list if you can help.

Any help is very much appreciated.

73, Berndt
VK5ABN

633. Re: Harris RF-601A

Yahoo group: harris-radio
Date: 2010-11-07 17:51:35 UTC
From: f1frv
Topic: 632 Message: 633

Hi Berndt

if you dont have, technical manuals are available on my web site.
http://f1frv.free.fr
73's de Dominique

--- In harris-radio@yahoogroups.com, "berndt.wulf" <wulf@...> wrote:
>
> G'day,
>
> I have an opportunity to purchase a RF-601A/C antenna tuner. Unfortunately, photos of the controller show that it may have some problems.
>
> On assembly A3 (power supply), R31, R40 got very hot burning the PCB, whilst the area around VR1 and VR2 shows discoloration . Similarly on A5 (manual speed controller), R1, R2 and the PCB below are burnt.
>
> The current status of the equipment is unknown. Without having access and experience on this equipment it is hard for me to determine the cause of the problem.
>
> Is this a known issue with this equipment? If so, has Harris released a service bulletin to address this problem?
>
> I would also be interested in purchasing a set of spare cards, possible a complete controller. Please contact me off-list if you can help.
>
> Any help is very much appreciated.
>
> 73, Berndt
> VK5ABN
>

634. Alpha 2000

Yahoo group: harris-radio
Date: 2010-11-12 15:49:34 UTC
From: kc2leb
Topic: 14 Message: 634

Hello all
Hoping to dig up some help on our club repeater. Have an VHF Alpha 2000 and some documentation. It is programmed and TX is working but the RX is not in good shape. I need a little insight on the reciever as the O/L lights are on. Tried adjusting the VCO but cant get any voltage change. We've resorted to an external RX for now.
Any Ideas?

Jim / KC2LEB
www.kc2leb.com

635. Re: [harris-radio] Alpha 2000

Yahoo group: harris-radio
Date: 2010-11-12 19:06:51 UTC
From: RGW
Topic: 14 Message: 635

Hello Jim KC2LEB:
You may have a bad A6 10029-0600 slave synthzier or the LSI that is on that Bd. Also possible is that the VCO A5 assy is bad either the vco osc itself or the loop on top of it. What freq is the RX operating at??

FYI: If on 2 meters the A5 will be a HIGH side injection making the vco osc freq in the 150-170 range . The whole A5 assy would then have a osc 10029-0530 with a loop of 10029-0560.

I can help with service, parts and documentation.
If you can send me some photos of the unit , top and bottom . It will help in answering any questions you may have .

Regards
Roger
k4alphpapa
2000,3200
waldrgrmllr@...

----- Original Message -----
From: kc2leb
To: harris-radio@yahoogroups.com
Sent: Friday, November 12, 2010 10:49 AM
Subject: [harris-radio] Alpha 2000

Hello all
Hoping to dig up some help on our club repeater. Have an VHF Alpha 2000 and some documentation. It is programmed and TX is working but the RX is not in good shape. I need a little insight on the reciever as the O/L lights are on. Tried adjusting the VCO but cant get any voltage change. We've resorted to an external RX for now.
Any Ideas?

Jim / KC2LEB
www.kc2leb.com

[Non-text portions of this message have been removed]

636. Re: Alpha 2000

Yahoo group: harris-radio
Date: 2010-11-19 19:00:51 UTC
From: kc2leb
Topic: 14 Message: 636

Thanks Roger,
We have two of these with slightly different UILB's.
RX is 147.300

The Main Repeater is now on the bench. It seems to have developed a noise issue on the input frequency of 147.4300. I suspect an intermod issue. We swapped repeaters, (the "Backup" having an external HiPro VHF RX due to the dead internal RX)and the noise went away.

With that said, The following modules are in the Main Repeater
Model 2245B50:

A 10029-0056 Chassis
A8 10029-0830 UILB

A9 10029-0910 MA Synth Logic
A10 10029-0590 TX VCO
A6 10029-0600 SLA Synth Logic
A5 10029-0560 RX VCO

A4 10029-2400 RX / FE
A3 10029-0350-02 IF/Audio

A2 10029-0200 PA Control
A7 10029-2700 VHF Exciter (10029-2709 B)
A11 10029-2010 LPF

I'm still getting to know this Radio and the Manuals that came with it. I took a few pictures and will upload them to the group as well.

Thanks again for your quick response.
I'd be grateful for any insight, hints or ideas. I'll keep you posted on my progress.

Jim
www.kc2leb.com

NTS Traffic Net
www.BigAppleTrafficNet.webs.com

--- In harris-radio@yahoogroups.com, "RGW" <waldrgrmllr@...> wrote:
>
> Hello Jim KC2LEB:
> You may have a bad A6 10029-0600 slave synthzier or the LSI that is on that Bd. Also possible is that the VCO A5 assy is bad either the vco osc itself or the loop on top of it.
> What freq is the RX operating at??
>
> FYI: If on 2 meters the A5 will be a HIGH side injection making the vco osc freq in the 150-170 range . The whole A5 assy would then have a osc 10029-0530 with a loop of

10029-0560.
>
> I can help with service, parts and documentation.
> If you can send me some photos of the unit , top and bottom . It will help in answering any questions you may have .
>
> Regards
> Roger
> k4alphpapa
> 2000,3200
> waldrgrmllr@...
>
>
>
>
>
> ----- Original Message -----
> From: kc2leb
> To: harris-radio@yahoogroups.com
> Sent: Friday, November 12, 2010 10:49 AM
> Subject: [harris-radio] Alpha 2000
>
>
>
> Hello all
> Hoping to dig up some help on our club repeater. Have an VHF Alpha 2000 and some documentation. It is programmed and TX is working but the RX is not in good shape. I need a little insight on the reciever as the O/L lights are on. Tried adjusting the VCO but cant get any voltage change. We've resorted to an external RX for now.
> Any Ideas?
>
> Jim / KC2LEB
> www.kc2leb.com
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

637. rf-355 help

Yahoo group: harris-radio
Date: 2010-11-21 14:25:41 UTC
From: vk5abc
Topic: 637 Message: 637

Hello All

I need some help with my RF-355 500W amp, I need to remove the tank assy
but I can't find how. Where are the screws that hold it to the chassis?
BTW has anyone seen the optional inverter for the RF-355?

73 Lee

638. Re: rf-355 help

Yahoo group: harris-radio
Date: 2010-11-22 11:18:10 UTC
From: f1frv
Topic: 637 Message: 638

Pull strongly up.....
using the epoxy plates with hole at top.
thats all fox !!!!

--- In harris-radio@yahoogroups.com, "vk5abc" <vk5abc@...> wrote:
>
> Hello All
>
> I need some help with my RF-355 500W amp, I need to remove the tank assy
> but I can't find how. Where are the screws that hold it to the chassis?
> BTW has anyone seen the optional inverter for the RF-355?
>
> 73 Lee
>

639. RF-3200M password help, and RF-3200E radio messages

Yahoo group: harris-radio
Date: 2010-11-26 16:33:25 UTC
From: arclight_arclight
Topic: 639 Message: 639

All: I am doing an inspection of an RF-3200E and RF-3200M for proper ALE operation, and have run into a couple of snags:

a. The RF-3200E is saying RADIO FAULT. I suspect this is a dead battery, but could be wrong. Does anyone have the list of radio messages from Section 4 of the operations manual in soft form that I could get a copy of?

b. The RF-3200M (like a 3200 non-E except for the "M" designation as far as I can tell, and designed to work with the 1-KW PA) has had its password info removed. I tried 427748 with no success. Any suggestions on any other password guidance for the non-E version of the radio?

Thanks,
Dave AFA3WZ

640. Re: [harris-radio] RF-3200M password help, and RF-3200E radio messages

Yahoo group: harris-radio
Date: 2010-11-26 19:19:50 UTC
From: waldrgrmllr@frontiernet.net
Topic: 639 Message: 640

Hello Dave AFA3WZ

a .....The 3200E "Radio Fault" could be a Rx or TX Fault. Possible causes are:
1...loose nconnections
2...bad/leaky pin diodes on the LPF VSWR A4 BD -1500
3... BAD CR43,44 on the A3 rx ex bd -1400 , this is most common(you have to unsolder the cover shield from the front end circuity)

b.... 3200M is a 60 watt verson of the 3200E.It is still an E version but with a 60w PA, all rest is idenical. The rf PA is a 60 watt rev and requires 48 vdc , that is the reason for the 3rd pin in the power plug. Usually works with a PS Rf 3236M 12vdc at 3 amps and 48 vdc a higer I. Basicly you need 2 ps'S to use this M ver.

WHAT IS THE ELECTRONIC S/N OF THE UNIT???? The passwoird is derived from this.
427748 is the password only for s/n 1
To find the electronic s/n press "INFO" button, it will also show the f/w rev.
requires several; pushes.

PS: I am presenty out of town and away from any manuals, using memory only. I do have some info on my flash drive on the s/n stuff.
CONTACT ME DIRECTLY

REGARDS
roger
waldrgrmllr@frontiernet.net
k4alphapapa
3200 2000

----- Original Message -----
From: "arclight_arclight" <dsmaples@...>
To: harris-radio@yahoogroups.com
Sent: Friday, November 26, 2010 11:33:25 AM
Subject: [harris-radio] RF-3200M password help, and RF-3200E radio messages

All: I am doing an inspection of an RF-3200E and RF-3200M for proper ALE operation, and have run into a couple of snags:

a. The RF-3200E is saying RADIO FAULT. I suspect this is a dead battery, but could be wrong. Does anyone have the list of radio messages from Section 4 of the operations manual in soft form that I could get a copy of?

b. The RF-3200M (like a 3200 non-E except for the "M" designation as far as I can tell, and designed to work with the 1-KW PA) has had its password info removed. I tried 427748 with no success. Any suggestions on any other password guidance for the non-E version of the radio?

Thanks,
Dave AFA3WZ

641. Re: RF-3200M password help, and RF-3200E radio messages

Yahoo group: harris-radio
Date: 2010-11-27 16:46:39 UTC
From: Reefpoint
Topic: 639 Message: 641

Hi Dave,

Press the # key on the keypad ... the value following Cr is the software version... press the # key again and the programmed serial number for the radio appears in the display.

The password to program the radio is obtained by the following formula:

programming password = [serial number X serial number] + 427747

press the PGM button until the CF Pass appears

enter the programming password then press ENT

you should now be in programming mode... scroll thru the programmming menu with the * key.

user guide and service manual for 3200 are available on scribd dot com

good luck!

Trevor
KA1TW

[Non-text portions of this message have been removed]

642. Re: [harris-radio] Re: RF-3200M password help, and RF-3200E radio messages

Yahoo group: harris-radio
Date: 2010-11-27 18:34:54 UTC
From: waldrgrmllr@frontiernet.net
Topic: 639 Message: 642

Hi ALL
what you described is for the older 3200 NOT the 3200E or M. It has an "INFO "BUTTON to do that directly. Bsides the E and the older radios ARE a bit different. A1,A2,A7 and ALE Boards

HOWEVER THE FORMULA IS THE SAME DEPENDING ON THE F/W YOU SEE. The E's s/n started after 26xx so there is another factor involved in the formula. most E's are in the 3000 and 5000 s/n and a number factor must be substracted from the sn square number. In fact the sn squared formular will not work for f/w 120f or below.

If anyone needs the formula
contact me

Regards
Roger w
"waldrgrmllr@frontiernet.net"
k4alphapapa
3200 2000

----- Original Message -----
From: "Reefpoint" <reefpoint@...>
To: harris-radio@yahoogroups.com
Sent: Saturday, November 27, 2010 11:46:39 AM
Subject: [harris-radio] Re: RF-3200M password help, and RF-3200E radio messages

Hi Dave,

Press the # key on the keypad ... the value following Cr is the software version... press the # key again and the programmed serial number for the radio appears in the display.

The password to program the radio is obtained by the following formula:

programming password = [serial number X serial number] + 427747

press the PGM button until the CF Pass appears

enter the programming password then press ENT

you should now be in programming mode... scroll thru the programmming menu with the * key.

user guide and service manual for 3200 are available on scribd dot com

good luck!

Trevor
KA1TW

[Non-text portions of this message have been removed]

643. Rf-355 Amp HV and Keying

Yahoo group: harris-radio
Date: 2010-12-03 04:24:23 UTC
From: jameyw911
Topic: 643 Message: 643

I searched all through the messages and found several related but with no solutions.

Has anyone come up with a reasonable way to operate the RF-355 without the matching RF-350? I built an interface and it turns the amp on and when I key my transceiver, it puts out 500 watts. The problem (in my opinion) is that I have to manually switch the local key switch on the front of the unit. I would rather not have to worry with it... plus it would be nice to get it a little further away. Has anyone figured out how to turn the HV on but not key the amp? Or am I just missing something simple here?

Thanks

Jamey
WR4JW

644. Re: Rf-355 Amp HV and Keying

Yahoo group: harris-radio
Date: 2010-12-03 10:30:39 UTC
From: f1frv
Topic: 643 Message: 644

pse have a look at http://f1frv.free.fr
73's
dominique

--- In harris-radio@yahoogroups.com, "jameyw911" <jamey.wright@...> wrote:
>
> I searched all through the messages and found several related but with no solutions.
>
> Has anyone come up with a reasonable way to operate the RF-355 without the matching RF-350? I built an interface and it turns the amp on and when I key my transceiver, it puts out 500 watts. The problem (in my opinion) is that I have to manually switch the local key switch on the front of the unit. I would rather not have to worry with it... plus it would be nice to get it a little further away. Has anyone figured out how to turn the HV on but not key the amp? Or am I just missing something simple here?
>
> Thanks
>
> Jamey
> WR4JW
>

645. Harris RF-382A-02 Antenna Coupler Pinout

Yahoo group: harris-radio
Date: 2010-12-03 11:37:56 UTC
From: K H CHEUNG
Topic: 645 Message: 645

Hello All
I want to know the Harris RF-382A-02 Antenna Coupler's Pinout. Both of the RF-5031PA-125 PA and RF-382A-02 Coupler,because i want to made that control cable.
Thank you !
Ho

[Non-text portions of this message have been removed]

646. RE: [harris-radio] Re: Rf-355 Amp HV and Keying

Yahoo group: harris-radio
Date: 2010-12-04 00:36:15 UTC
From: Jamey Wright
Topic: 643 Message: 646

Thanks Dominique. I had looked at that some time back but had initially decided it was more than I wanted to take on. After a second look, I found the keying info. I followed the diagrams for the keying part. I haven't tested it yet but I also had a couple of questions. Since I am not doing anything with the remote metering, do I need to make any of the adjustments shown on board A5? Also on the page marked FP-29 there are a number of notes on the right side of the schematic. I assume they are just notes and that no other wires need to be run from these points?

Thanks

Jamey
Wr4JW
_____
From: harris-radio@yahoogroups.com [harris-radio@yahoogroups.com] on behalf of f1frv [f1frv@...]
Sent: Friday, December 03, 2010 4:30 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Rf-355 Amp HV and Keying

pse have a look at http://f1frv.free.fr
73's
dominique

--- In harris-radio@yahoogroups.com, "jameyw911" <jamey.wright@...> wrote:
>
> I searched all through the messages and found several related but with no solutions.
>
> Has anyone come up with a reasonable way to operate the RF-355 without the matching RF-350? I built an interface and it turns the amp on and when I key my transceiver, it puts out 500 watts. The problem (in my opinion) is that I have to manually switch the local key switch on the front of the unit. I would rather not have to worry with it... plus it would be nice to get it a little further away. Has anyone figured out how to turn the HV on but not key the amp? Or am I just missing something simple here?
>
> Thanks
>
> Jamey
> WR4JW
>

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Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from

outside your home or business?

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647. Re: Rf-355 Amp HV and Keying

Yahoo group: harris-radio
Date: 2010-12-04 15:54:42 UTC
From: f1frv
Topic: 643 Message: 647

Hi Jamey
use only the ptt on DB25, with perhaps a modif
(perhaps a fast small relay to add inside).
everithing is clearly described decribed, only dont use the remote board, thats all....
73's
dom

--- In harris-radio@yahoogroups.com, Jamey Wright <jamey.wright@...> wrote:
>
> Thanks Dominique. I had looked at that some time back but had initially decided it was more than I wanted to take on. After a second look, I found the keying info. I followed the diagrams for the keying part. I haven't tested it yet but I also had a couple of questions. Since I am not doing anything with the remote metering, do I need to make any of the adjustments shown on board A5? Also on the page marked FP-29 there are a number of notes on the right side of the schematic. I assume they are just notes and that no other wires need to be run from these points?
>
> Thanks
>
> Jamey
> Wr4JW
> _____
> From: harris-radio@yahoogroups.com [harris-radio@yahoogroups.com] on behalf of f1frv [f1frv@...]
> Sent: Friday, December 03, 2010 4:30 AM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] Re: Rf-355 Amp HV and Keying
>
> pse have a look at http://f1frv.free.fr
> 73's
> dominique
>
> --- In harris-radio@yahoogroups.com, "jameyw911" <jamey.wright@> wrote:
> >
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> >
> > Has anyone come up with a reasonable way to operate the RF-355 without the matching RF-350? I built an interface and it turns the amp on and when I key my transceiver, it puts out 500 watts. The problem (in my opinion) is that I have to manually switch the local key switch on the front of the unit. I would rather not have to worry with it... plus it would be nice to get it a little further away. Has anyone figured out how to turn the HV on but not key the amp? Or am I just missing something simple here?
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> >

> > Jamey
> > WR4JW
> >
>
>
>
>
> ---
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>

648. RE: [harris-radio] Re: Rf-355 Amp HV and Keying

Yahoo group: harris-radio
Date: 2010-12-05 05:27:40 UTC
From: Jamey Wright
Topic: 643 Message: 648

Again, thanks Dominique. I added a IRF510 Mosfet (similar to the 2N7000) as described in the article and it keys no problem. I am seriously considering building the remote metering at some point in the future. The amp works great but man is it noisy.

Jamey
WR4JW

_____
From: harris-radio@yahoogroups.com [harris-radio@...m] on behalf of f1frv [f1frv@...]
Sent: Saturday, December 04, 2010 9:54 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Rf-355 Amp HV and Keying

Hi Jamey
use only the ptt on DB25, with perhaps a modif
(perhaps a fast small relay to add inside).
everithing is clearly described decribed, only dont use the remote board, thats all....
73's
dom

--- In harris-radio@yahoogroups.com, Jamey Wright <jamey.wright@...> wrote:
>
> Thanks Dominique. I had looked at that some time back but had initially decided it was more than I wanted to take on. After a second look, I found the keying info. I followed the diagrams for the keying part. I haven't tested it yet but I also had a couple of questions. Since I am not doing anything with the remote metering, do I need to make any of the adjustments shown on board A5? Also on the page marked FP-29 there are a number of notes on the right side of the schematic. I assume they are just notes and that no other wires need to be run from these points?
>
> Thanks
>
> Jamey
> Wr4JW
> _____
> From: harris-radio@yahoogroups.com [harris-radio@yahoogroups.com] on behalf of f1frv [f1frv@...]
> Sent: Friday, December 03, 2010 4:30 AM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] Re: Rf-355 Amp HV and Keying
>
> pse have a look at http://f1frv.free.fr
> 73's
> dominique
>
> --- In harris-radio@...m, "jameyw911" <jamey.wright@> wrote:
> >

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> >
> > Thanks
> >
> > Jamey
> > WR4JW
> >
>
>
>
>
> ---
>
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>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
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649. RE: [harris-radio] Re: Rf-355 Amp HV and Keying

Yahoo group: harris-radio
Date: 2010-12-05 17:30:58 UTC
From: W2HX
Topic: 643 Message: 649

If you want noisy, try the Harris RF-110A!

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Jamey Wright
Sent: Sunday, December 05, 2010 12:28 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Re: Rf-355 Amp HV and Keying

Again, thanks Dominique. I added a IRF510 Mosfet (similar to the 2N7000) as described in the article and it keys no problem. I am seriously considering building the remote metering at some point in the future. The amp works great but man is it noisy.

Jamey
WR4JW

_____
From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com> [harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>] on behalf of f1frv [f1frv@... <mailto:f1frv%40free.fr>]
Sent: Saturday, December 04, 2010 9:54 AM
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Subject: [harris-radio] Re: Rf-355 Amp HV and Keying

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(perhaps a fast small relay to add inside).
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73's
dom

--- In harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
, Jamey Wright <jamey.wright@...> wrote:
>
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>
> Thanks

>
> Jamey
> Wr4JW
> _____
> From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
[harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>] on
behalf of f1frv [f1frv@...]
> Sent: Friday, December 03, 2010 4:30 AM
> To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> Subject: [harris-radio] Re: Rf-355 Amp HV and Keying
>
> pse have a look at http://f1frv.free.fr
> 73's
> dominique
>
> --- In harris-radio@yahoogroups.com
<mailto:harris-radio%40yahoogroups.com> , "jameyw911" <jamey.wright@> wrote:
> >
> > I searched all through the messages and found several related but with
no solutions.
> >
> > Has anyone come up with a reasonable way to operate the RF-355 without
the matching RF-350? I built an interface and it turns the amp on and when I
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that I have to manually switch the local key switch on the front of the
unit. I would rather not have to worry with it... plus it would be nice to
get it a little further away. Has anyone figured out how to turn the HV on
but not key the amp? Or am I just missing something simple here?
> >
> > Thanks
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> > Jamey
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> >
>
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
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get to you PC from outside your home or business?
>
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>

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

[Non-text portions of this message have been removed]

650. Re: Rf-355 Amp HV and Keying

Yahoo group: harris-radio
Date: 2010-12-05 17:40:00 UTC
From: 4z4rb
Topic: 643 Message: 650

This is one of the reasons I stopped using it .that 400cy/s whine and the fan…
--- In harris-radio@yahoogroups.com, "W2HX" <w2hx@...> wrote:
>
> If you want noisy, try the Harris RF-110A!
>
>
>
> 73 Eugene W2HX
>
>
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Jamey Wright
> Sent: Sunday, December 05, 2010 12:28 AM
> To: harris-radio@yahoogroups.com
> Subject: RE: [harris-radio] Re: Rf-355 Amp HV and Keying
>
>
>
>
>
> Again, thanks Dominique. I added a IRF510 Mosfet (similar to the 2N7000) as
> described in the article and it keys no problem. I am seriously considering
> building the remote metering at some point in the future. The amp works
> great but man is it noisy.
>
> Jamey
> WR4JW
> _____
> From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> [harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>] on
> behalf of f1frv [f1frv@... <mailto:f1frv%40free.fr>]
> Sent: Saturday, December 04, 2010 9:54 AM
> To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> Subject: [harris-radio] Re: Rf-355 Amp HV and Keying
>
> Hi Jamey
> use only the ptt on DB25, with perhaps a modif
> (perhaps a fast small relay to add inside).
> everithing is clearly described decribed, only dont use the remote board,
> thats all....
> 73's
> dom
>
> --- In harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>

> , Jamey Wright <jamey.wright@> wrote:
> >
> > Thanks Dominique. I had looked at that some time back but had initially
> decided it was more than I wanted to take on. After a second look, I found
> the keying info. I followed the diagrams for the keying part. I haven't
> tested it yet but I also had a couple of questions. Since I am not doing
> anything with the remote metering, do I need to make any of the adjustments
> shown on board A5? Also on the page marked FP-29 there are a number of notes
> on the right side of the schematic. I assume they are just notes and that no
> other wires need to be run from these points?
> >
> > Thanks
> >
> > Jamey
> > Wr4JW
> > _____
> > From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> [harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>] on
> behalf of f1frv [f1frv@]
> > Sent: Friday, December 03, 2010 4:30 AM
> > To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> > Subject: [harris-radio] Re: Rf-355 Amp HV and Keying
> >
> > pse have a look at http://f1frv.free.fr
> > 73's
> > dominique
> >
> > --- In harris-radio@yahoogroups.com
> <mailto:harris-radio%40yahoogroups.com> , "jameyw911" <jamey.wright@> wrote:
> > >
> > > I searched all through the messages and found several related but with
> no solutions.
> > >
> > > Has anyone come up with a reasonable way to operate the RF-355 without
> the matching RF-350? I built an interface and it turns the amp on and when I
> key my transceiver, it puts out 500 watts. The problem (in my opinion) is
> that I have to manually switch the local key switch on the front of the
> unit. I would rather not have to worry with it... plus it would be nice to
> get it a little further away. Has anyone figured out how to turn the HV on
> but not key the amp? Or am I just missing something simple here?
> > >
> > > Thanks
> > >
> > > Jamey
> > > WR4JW
> > >
> >
> >
> >
> >

> > ----------
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?
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>
>
>
>
>
> [Non-text portions of this message have been removed]
>

651. Re: Rf-355 Amp HV and Keying

Yahoo group: harris-radio
Date: 2010-12-06 12:07:33 UTC
From: f1frv
Topic: 643 Message: 651

its why i remote controled it.....
73's
dom

--- In harris-radio@yahoogroups.com, "4z4rb" <4z4rb1@...> wrote:
>
> This is one of the reasons I stopped using it .that 400cy/s whine and the fan…
> --- In harris-radio@yahoogroups.com, "W2HX" <w2hx@> wrote:
> >
> > If you want noisy, try the Harris RF-110A!
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> >
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> > 73 Eugene W2HX
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> > From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> > Behalf Of Jamey Wright
> > Sent: Sunday, December 05, 2010 12:28 AM
> > To: harris-radio@yahoogroups.com
> > Subject: RE: [harris-radio] Re: Rf-355 Amp HV and Keying
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> > great but man is it noisy.
> >
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> > WR4JW
> > _____
> > From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> > [harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>] on
> > behalf of f1frv [f1frv@ <mailto:f1frv%40free.fr>]
> > Sent: Saturday, December 04, 2010 9:54 AM
> > To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> > Subject: [harris-radio] Re: Rf-355 Amp HV and Keying
> >
> > Hi Jamey
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> > (perhaps a fast small relay to add inside).

> > everithing is clearly described decribed, only dont use the remote board,
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> > --- In harris-radio@...m <mailto:harris-radio%40yahoogroups.com>
> > , Jamey Wright <jamey.wright@> wrote:
> > >
> > > Thanks Dominique. I had looked at that some time back but had initially
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> > >
> > > Jamey
> > > Wr4JW
> > > _____
> > > From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> > [harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>] on
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> > > Subject: [harris-radio] Re: Rf-355 Amp HV and Keying
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> > > 73's
> > > dominique
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> > > --- In harris-radio@yahoogroups.com
> > <mailto:harris-radio%40yahoogroups.com> , "jameyw911" <jamey.wright@> wrote:
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> > > > I searched all through the messages and found several related but with
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> > get it a little further away. Has anyone figured out how to turn the HV on
> > but not key the amp? Or am I just missing something simple here?
> > > >
> > > > Thanks
> > > >
> > > > Jamey

> > > > WR4JW
> > > >
> > >
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > This Group Brought to you by 2mypc
> > >
> > > Are you with an ISP that gives you a dynamic IP?
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> > > www.2mypc.netYahoo! Groups Links
> > >
> >
> > ------------------------------------
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> >
> > www.2mypc.netYahoo! Groups Links
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

652. noisey amp

Yahoo group: harris-radio
Date: 2010-12-06 17:52:51 UTC
From: bob35795
Topic: 652 Message: 652

The RF-110 is REALY noisey....I keep it in the garage and remote it to the shack, 2 rooms away and I can still hear the 400 cycle fans !!!
Bob KG4OJZ

653. Re: [harris-radio] noisey amp

Yahoo group: harris-radio
Date: 2010-12-06 18:07:55 UTC
From: Terry
Topic: 652 Message: 653

Your house must not have any insulation in the walls. Add it to the walls and ceiling should help a lot.
Terry

--- On Mon, 12/6/10, bob35795 <rjgunther@...> wrote:

From: bob35795 <rjgunther@...>
Subject: [harris-radio] noisey amp
To: harris-radio@yahoogroups.com
Date: Monday, December 6, 2010, 9:52 PM

The RF-110 is REALY noisey....I keep it in the garage and remote it to the shack, 2 rooms away and I can still hear the 400 cycle fans !!!
Bob KG4OJZ

[Non-text portions of this message have been removed]

654. Re: noisey amp

Yahoo group: harris-radio
Date: 2010-12-07 17:08:02 UTC
From: f1frv
Topic: 652 Message: 654

other solution is to use a reinforced headset, with large foam shieldings, and perhaps lead foil to attenuate low freqs, and a 400 HZ notch filter between your mike and TX.....
good luck
dom

--- In harris-radio@yahoogroups.com, Terry <ab8al@...> wrote:
>
> Your house must not have any insulation in the walls.Â Add it to the walls and ceiling should help a lot.
> Terry
>
>
> --- On Mon, 12/6/10, bob35795 <rjgunther@...> wrote:
>
>
> From: bob35795 <rjgunther@...>
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>
>
> Â
>
>
>
> The RF-110 is REALY noisey....I keep it in the garage and remote it to the shack, 2 rooms away and I can still hear the 400 cycle fans !!!
> Bob KG4OJZ
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

655. Re: [harris-radio] Re: noisey amp

Yahoo group: harris-radio
Date: 2010-12-07 17:11:08 UTC
From: Martin
Topic: 652 Message: 655

I would prefer some suitable replacement of the 400 Hz fan. Many amps using 8877 tube but none of them is so noisy...

73
Martin OK1RR

656. RF-1310/R-2368 A14 battery

Yahoo group: harris-radio
Date: 2010-12-16 04:04:48 UTC
From: vk5abc
Topic: 656 Message: 656

Hello All

I need to find a replacement battery for the A14 PWB
Anyone know where I can find one of these critters?

best of 73's, Lee

657. Re: RF-1310/R-2368 A14 battery

Yahoo group: harris-radio
Date: 2010-12-20 18:42:14 UTC
From: BentN
Topic: 656 Message: 657

Hello Lee
I think this is what you are looking for:
http://dk.farnell.com/varta/55608703012/battery-pcb-mount-3-6v-3-v80h/dp/3055930
Merry x-mas es 73`s
OZ1IPP/Bent

--- In harris-radio@yahoogroups.com, "vk5abc" <vk5abc@...> wrote:
>
> Hello All
>
> I need to find a replacement battery for the A14 PWB
> Anyone know where I can find one of these critters?
>
> best of 73's, Lee
>

658. RF 3230 DRIVEN BY RF 5000 SERIES

Yahoo group: harris-radio
Date: 2010-12-22 19:07:27 UTC
From: roger
Topic: 658 Message: 658

Hello ALL
Some time in Nov someone asked about interfacing a Rf 3230 KW to a Rf 5000 series radios. I answered but was on Vac and would have to wait till I returned to get the information. I checked ALL my E mails and cannot find that person. I believe he had just gotten one of the units from E BAY (old ARRL) unit.

If that person will contact me , I have the information.
THKS
k4alphapapa
waldrgrmllr@...

659. receiver RF-530A

Yahoo group: harris-radio
Date: 2010-12-24 00:09:58 UTC
From: kumar
Topic: 659 Message: 659

Dear friends

I am likely to get a RF-530A receiever soon . The person selling it has no details of it . I would be very grateful if you could please throw some light on this .

your help is much appreciated .

Merry Xmas and Happy new year

Best regards

Kumar
VU2BGS

660. RF-590 Depot Manual

Yahoo group: harris-radio
Date: 2010-12-26 03:12:10 UTC
From: MillerTE_99
Topic: 660 Message: 660

Hello All,
I am a new member and just got a RF-590 receiver for Christmas. I also found the service manual at Premium-Receivers.com and also had found user, service and depot manuals for the RF-350K on the web.

Does anyone know if they ever printed the equivalent TO's for the RF-590. I don't know if they did, but thought I would check with the experts. Please advise if you know where to get additional docs.

IS there a sub group that would like to discuss the 590, I would love to learn more and share my Military experiences.

Thanks for Reading,

Tom Miller

661. Re: [harris-radio] RF-590 Depot Manual

Yahoo group: harris-radio
Date: 2010-12-26 10:50:15 UTC
From: Steve Sykes
Topic: 660 Message: 661

The RF-350 was designed under a government contract, which is why there are TO's. The RF-590 was designed as a commercial receiver so the Harris supplied manuals are what there is. Hard copy manuals for the RF-590, RF-590A as well as the R-2368 are around.

Steve KD2OM

On 12/25/2010 10:12 PM, MillerTE_99 wrote:
>
> Hello All,
> I am a new member and just got a RF-590 receiver for Christmas. I also
> found the service manual at Premium-Receivers.com and also had found
> user, service and depot manuals for the RF-350K on the web.
>
> Does anyone know if they ever printed the equivalent TO's for the
> RF-590. I don't know if they did, but thought I would check with the
> experts. Please advise if you know where to get additional docs.
>
> IS there a sub group that would like to discuss the 590, I would love
> to learn more and share my Military experiences.
>
> Thanks for Reading,
>
> Tom Miller
>
>

[Non-text portions of this message have been removed]

662. R-590A/R-2368 A10 syth board

Yahoo group: harris-radio
Date: 2010-12-28 12:29:54 UTC
From: vk5abc
Topic: 662 Message: 662

Hello All

Anyone know what the 22uh chokes used power input circuit, what the current rating is. I need to replace one but don't know what current rating to get.

best of 73's Lee

663. RF-230

Yahoo group: harris-radio
Date: 2010-12-28 19:16:18 UTC
From: Mirzan
Topic: 663 Message: 663

HI!I have transceiver RF-230,and i want to know if it,s possible control frecvency with VFO.How this?Is anyone made this mods?Please help.Tnx and regards from Romania.73s!

664. RF-230

Yahoo group: harris-radio
Date: 2010-12-28 15:31:41 UTC
From: Mirzan
Topic: 663 Message: 664

HI!I have HARRIS transceiver,RF-230 and i want implant VFO or DDS for control frecvency.If possible this?How i can this mods?Tnx for all coments.Regards from Romania.

665. Re: [harris-radio] R-590A/R-2368 A10 syth board

Yahoo group: harris-radio
Date: 2010-12-28 22:51:48 UTC
From: Berndt Josef Wulf
Topic: 662 Message: 665

G'day Lee,

Use the inductor's part number and search the Internet. There are several 22.0uH used by Harris in their equipment. The A10 uses MS75084 with 140mA M14046 with 175mA DC current rating. Alternatively, remove the inductor and measure the current using a multimeter to select a suitably rate inductor.

73, Berndt
VK5ABN

On 28/12/10 vk5abc wrote:
> Hello All
>
> Anyone know what the 22uh chokes used power input circuit, what the current rating is. I need to replace one but don't know what current rating to get.
>
> best of 73's Lee
>

666. WTB: RF-601A Parts

Yahoo group: harris-radio
Date: 2010-12-28 22:58:40 UTC
From: Berndt Josef Wulf
Topic: 666 Message: 666

G'day,

I require the following parts for the restoration of a RF-601A controller:

1 x 902-6600 2A1A3 Power Supply PWB
1 x 8949-6500 2A1A5 Manual Speed Control PWB

The original assemblies are badly burnt and I would prefer replacing these.

73, Berndt
VK5ABN

667. re: RF-230 vfo

Yahoo group: harris-radio
Date: 2010-12-29 14:21:51 UTC
From: Dennis
Topic: 667 Message: 667

To convert a RF-230 to VFO control would be counter productive.
You didn't say which 230 you have but I assume it is an 'M' model with 100 channels.

It is possible to connected an outboard BCD switch for frequency selection without the need to lift the lid & program a channel. This modification still allows use of the channels which I find most important.

KW1I has one of his 230's outfitted such. The BCD switches are activated by setting the radio to a channel that has been programmed with all zeros.

KB0SFP
Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

668. Re: RF-230 vfo

Yahoo group: harris-radio
Date: 2010-12-29 16:24:43 UTC
From: 4z4rb
Topic: 667 Message: 668

--- In harris-radio@yahoogroups.com, Dennis <spike.dennis@...> wrote:
>
> To convert a RF-230 to VFO control would be counter productive.
> You didn't say which 230 you have but I assume it is an 'M' model with 100
> channels.
>
> It is possible to connected an outboard BCD switch for frequency selection
> without the need to lift the lid & program a channel. This modification still
> allows use of the channels which I find most important.
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> KW1I has one of his 230's outfitted such. The BCD switches are activated by
> setting the radio to a channel that has been programmed with all zeros.
>
> KB0SFP
> Monitor(all USB):
> 3996, 5403.5, 7296, 14342.5, 18157.5
>

I had done this trick.
I have connected a mechanical encoder across the up down points on the keyboard section on a few radios and it does that trick.
a mechanical encoder is better suited for this because of its slow speed,compared to regular 256,512 pulses per rotation units
very easy to implant and easy to remove and restore original state.
4z4rb

669. Re: RF-230 vfo

Yahoo group: harris-radio
Date: 2010-12-30 09:24:59 UTC
From: Mirzan
Topic: 667 Message: 669

--- In harris-radio@yahoogroups.com, "4z4rb" <4z4rb1@...> wrote:
>
>
> --- In harris-radio@yahoogroups.com, Dennis <spike.dennis@> wrote:
> >
> > To convert a RF-230 to VFO control would be counter productive.
> > You didn't say which 230 you have but I assume it is an 'M' model with 100
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> > KB0SFP
> > Monitor(all USB):
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> I had done this trick.
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> a mechanical encoder is better suited for this because of its slow speed,compared to regular 256,512 pulses per rotation units
> very easy to implant and easy to remove and restore original state.
> 4z4rb
>
Tnx for all response.Model is RF-230 simple,not M.For 4z4rb:if you have possibility,send foto with this modification,with this mecanic encoder.Adress email it,s yo8rqp@... for all and best 73s!

671. PRC 138 General Manual

Yahoo group: harris-radio
Date: 2011-01-06 17:20:50 UTC
From: i3ldsari@yahoo.com
Topic: 671 Message: 671

Full PRC-138 Manual is published on:
www.scribd.com/doc/31575405/General-Manual-for-PRC-138-Harris-RF-5200
73 de I3LDS Lodovico

672. Re: [harris-radio] PRC 138 General Manual

Yahoo group: harris-radio
Date: 2011-01-06 17:41:14 UTC
From: Brooke Clarke
Topic: 671 Message: 672

Hi:

Is there a way to get the manual without spending money?

Have Fun,

Brooke Clarke
http://www.PRC68.com

i3ldsari@... wrote:
> Full PRC-138 Manual is published on:
> www.scribd.com/doc/31575405/General-Manual-for-PRC-138-Harris-RF-5200
> 73 de I3LDS Lodovico
>
>
>
> ----------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
>
>
>

673. PRC 138 General Manual

Yahoo group: harris-radio
Date: 2011-01-06 17:59:56 UTC
From: i3ldsari@yahoo.com
Topic: 671 Message: 673

Hi The manual is free downloading
73 I3LDS

674. Re: [harris-radio] PRC 138 General Manual

Yahoo group: harris-radio
Date: 2011-01-06 18:29:53 UTC
From: Brooke Clarke
Topic: 671 Message: 674

Hi:

When I click on the green Download button in the lower right a new window comes up with a choice of pdf or txt and a download button. When that Download button is pressed the next window is:
Monthly Subscription $9/month
1 Day Pass $5
1 Year Pass $59

am I missing something?

Have Fun,

Brooke Clarke
http://www.PRC68.com

i3ldsari@... wrote:
> Hi The manual is free downloading
> 73 I3LDS
>
>
>
> ----------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
>
>
>

675. Re: [harris-radio] PRC 138 General Manual

Yahoo group: harris-radio
Date: 2011-01-06 19:04:37 UTC
From: dave
Topic: 671 Message: 675

up load a document then you can download
dave k7da

Brooke Clarke wrote:
> Hi:
>
> Is there a way to get the manual without spending money?
>
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
>
>
> i3ldsari@... wrote:
>
>> Full PRC-138 Manual is published on:
>> www.scribd.com/doc/31575405/General-Manual-for-PRC-138-Harris-RF-5200
>> 73 de I3LDS Lodovico
>>
>>
>>
>> ------------------------------------
>>
>> This Group Brought to you by 2mypc
>>
>> Are you with an ISP that gives you a dynamic IP?
>> Do you need a domain name and don't want to pay a lot for it?
>> Does your IP change every day or even every hour? and you need a way to get to you PC
from outside your home or business?
>>
>> www.2mypc.netYahoo! Groups Links
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> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?

> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
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>

676. Re: [harris-radio] PRC 138 General Manual

Yahoo group: harris-radio
Date: 2011-01-06 19:11:39 UTC
From: Terry
Topic: 671 Message: 676

your crying about $5.....Really?????? How did you let go of the money for the radio or don't you have it?

--- On Thu, 1/6/11, Brooke Clarke <brooke@...> wrote:

From: Brooke Clarke <brooke@...>
Subject: Re: [harris-radio] PRC 138 General Manual
To: harris-radio@yahoogroups.com
Date: Thursday, January 6, 2011, 10:29 PM

Hi:

When I click on the green Download button in the lower right a new
window comes up with a choice of pdf or txt and a download button.
When that Download button is pressed the next window is:
Monthly Subscription $9/month
1 Day Pass $5
1 Year Pass $59

am I missing something?

Have Fun,

Brooke Clarke
http://www.PRC68.com

i3ldsari@... wrote:
> Hi The manual is free downloading
> 73 I3LDS
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
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>
>

>

[Non-text portions of this message have been removed]

677. Re: PRC 138 General Manual

Yahoo group: harris-radio
Date: 2011-01-06 19:18:00 UTC
From: 4z4rb
Topic: 671 Message: 677

--- In harris-radio@yahoogroups.com, Terry <ab8al@...> wrote:
>
> your crying about $5.....Really??????? How did you let go of the money for the radio or don't you have it?
>
> --- On Thu, 1/6/11, Brooke Clarke <brooke@...> wrote:
>
>
> From: Brooke Clarke <brooke@...>
> Subject: Re: [harris-radio] PRC 138 General Manual
> To: harris-radio@yahoogroups.com
> Date: Thursday, January 6, 2011, 10:29 PM
>
>
> ?
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>
>
> Hi:
>
> When I click on the green Download button in the lower right a new
> window comes up with a choice of pdf or txt and a download button.
> When that Download button is pressed the next window is:
> Monthly Subscription $9/month
> 1 Day Pass $5
> 1 Year Pass $59
>
> am I missing something?
>
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
>
> i3ldsari@... wrote:
> > Hi The manual is free downloading
> > 73 I3LDS
> >
> >
> >
> > ------------------------------------
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?

> > Do you need a domain name and don't want to pay a lot for it?
> > Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
> >
> > www.2mypc.netYahoo! Groups Links
> >
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>

You need to give something in order to get a file back.
Thank you for the manual it is nice to have it
Now I have a full description of my harris setup 5022 5200 138 amps and tuners
thanks!!
4z4rb
>
>
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>
> [Non-text portions of this message have been removed]
>

678. Re: [harris-radio] PRC 138 General Manual

Yahoo group: harris-radio
Date: 2011-01-06 19:21:58 UTC
From: Eduardo Lara
Topic: 671 Message: 678

On 06/01/11 19:29, Brooke Clarke wrote:
>
> Hi:
>
> When I click on the green Download button in the lower right a new
> window comes up with a choice of pdf or txt and a download button.
> When that Download button is pressed the next window is:
> Monthly Subscription $9/month
> 1 Day Pass $5
> 1 Year Pass $59
>
> am I missing something?
>
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
>

Hello,
You can do what I use to do, to get free the file from this server and
is upload one, download one.

Hope this serves

EA2KT Eduardo

[Non-text portions of this message have been removed]

679. Re: [harris-radio] Re: PRC 138 General Manual

Yahoo group: harris-radio
Date: 2011-01-06 19:46:13 UTC
From: Terry
Topic: 671 Message: 679

How do we figure out what is copy protected and what is not to know what can be uploded?

--- On Thu, 1/6/11, 4z4rb <4z4rb1@...> wrote:

From: 4z4rb <4z4rb1@...>
Subject: [harris-radio] Re: PRC 138 General Manual
To: harris-radio@yahoogroups.com
Date: Thursday, January 6, 2011, 11:18 PM

--- In harris-radio@yahoogroups.com, Terry <ab8al@...> wrote:
>
> your crying about $5.....Really??????? How did you let go of the money for the radio or don't you have it?
>
> --- On Thu, 1/6/11, Brooke Clarke <brooke@...> wrote:
>
>
> From: Brooke Clarke <brooke@...>
> Subject: Re: [harris-radio] PRC 138 General Manual
> To: harris-radio@yahoogroups.com
> Date: Thursday, January 6, 2011, 10:29 PM
>
>
> ?
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>
>
> Hi:
>
> When I click on the green Download button in the lower right a new
> window comes up with a choice of pdf or txt and a download button.
> When that Download button is pressed the next window is:
> Monthly Subscription $9/month
> 1 Day Pass $5
> 1 Year Pass $59
>
> am I missing something?
>
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
>
> i3ldsari@... wrote:
> > Hi The manual is free downloading
> > 73 I3LDS

> >
> >
> >
> > ----------
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?
> > Do you need a domain name and don't want to pay a lot for it?
> > Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
> >
> > www.2mypc.netYahoo! Groups Links
> >
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>

You need to give something in order to get a file back.
Thank you for the manual it is nice to have it
Now I have a full description of my harris setup 5022 5200 138 amps and tuners
thanks!!
4z4rb
>
>
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>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

680. Re: PRC 138 General Manual

Yahoo group: harris-radio
Date: 2011-01-06 20:25:32 UTC
From: murphyjunk
Topic: 671 Message: 680

I find it interesting that manuals we are not allowed to export (paper manuals) without a state dept lic. can be downloaded from anywere in the world.

MIke

--- In harris-radio@yahoogroups.com, Terry <ab8al@...> wrote:
>
> How do we figure out what is copy protected and what is not to know what can be uploded?
> Â
> --- On Thu, 1/6/11, 4z4rb <4z4rb1@...> wrote:
>
>
> From: 4z4rb <4z4rb1@...>
> Subject: [harris-radio] Re: PRC 138 General Manual
> To: harris-radio@yahoogroups.com
> Date: Thursday, January 6, 2011, 11:18 PM
>
>
> Â
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>
> --- In harris-radio@yahoogroups.com, Terry <ab8al@> wrote:
> >
> > your crying about $5.....Really???????Â How did you let go of the money for the radio or don't you have it?
> >
> > --- On Thu, 1/6/11, Brooke Clarke <brooke@> wrote:
> >
> >
> > From: Brooke Clarke <brooke@>
> > Subject: Re: [harris-radio] PRC 138 General Manual
> > To: harris-radio@yahoogroups.com
> > Date: Thursday, January 6, 2011, 10:29 PM
> >
> >
> > ?Â
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> >
> > Hi:
> >
> > When I click on the green Download button in the lower right a new
> > window comes up with a choice of pdf or txt and a download button.

> > When that Download button is pressed the next window is:
> > Monthly Subscription $9/month
> > 1 Day Pass $5
> > 1 Year Pass $59
> >
> > am I missing something?
> >
> > Have Fun,
> >
> > Brooke Clarke
> > http://www.PRC68.com
> >
> > i3ldsari@ wrote:
> > > Hi The manual is free downloading
> > > 73 I3LDS
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > This Group Brought to you by 2mypc
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> > > www.2mypc.netYahoo! Groups Links
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>
> You need to give something in order to get a file back.
> Thank you for the manual it is nice to have it
> Now I have a full description of my harris setup 5022 5200 138 amps and tuners
> thanks!!
> 4z4rb
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> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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681. Re: [harris-radio] Re: PRC 138 General Manual

Yahoo group: harris-radio
Date: 2011-01-07 01:09:09 UTC
From: Steve Sykes
Topic: 671 Message: 681

All Harris manuals are copyrighted. Many are export controlled.

Steve KD2OM/NNN0HSB

On 01/06/2011 02:46 PM, Terry wrote:
>
> How do we figure out what is copy protected and what is not to know
> what can be uploded?
>
> --- On Thu, 1/6/11, 4z4rb <4z4rb1@...
> <mailto:4z4rb1%40gmail.com>> wrote:
>
> From: 4z4rb <4z4rb1@... <mailto:4z4rb1%40gmail.com>>
> Subject: [harris-radio] Re: PRC 138 General Manual
> To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> Date: Thursday, January 6, 2011, 11:18 PM
>
>
>
> --- In harris-radio@yahoogroups.com
> <mailto:harris-radio%40yahoogroups.com>, Terry <ab8al@...> wrote:
> >
> > your crying about $5.....Really??????? How did you let
> go of the money for the radio or don't you have it?
> >
> > --- On Thu, 1/6/11, Brooke Clarke <brooke@...> wrote:
> >
> >
> > From: Brooke Clarke <brooke@...>
> > Subject: Re: [harris-radio] PRC 138 General Manual
> > To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> > Date: Thursday, January 6, 2011, 10:29 PM
> >
> >
> > ?
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> >
> > Hi:
> >
> > When I click on the green Download button in the lower right a new
> > window comes up with a choice of pdf or txt and a download button.
> > When that Download button is pressed the next window is:
> > Monthly Subscription $9/month
> > 1 Day Pass $5

> > 1 Year Pass $59
> >
> > am I missing something?
> >
> > Have Fun,
> >
> > Brooke Clarke
> > http://www.PRC68.com
> >
> > i3ldsari@... wrote:
> > > Hi The manual is free downloading
> > > 73 I3LDS
> > >
> > >
> > >
> > > ----------
> > >
> > > This Group Brought to you by 2mypc
> > >
> > > Are you with an ISP that gives you a dynamic IP?
> > > Do you need a domain name and don't want to pay a lot for it?
> > > Does your IP change every day or even every hour? and you need a
> way to get to you PC from outside your home or business?
> > >
> > > www.2mypc.netYahoo! Groups Links
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>
> You need to give something in order to get a file back.
> Thank you for the manual it is nice to have it
> Now I have a full description of my harris setup 5022 5200 138 amps
> and tuners
> thanks!!
> 4z4rb
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> > [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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>

[Non-text portions of this message have been removed]

682. RF-234

Yahoo group: harris-radio
Date: 2011-01-07 11:55:18 UTC
From: wolf_kiel
Topic: 682 Message: 682

Hi folks,
does anyone have a schematic or connector wiring information for the RF-234 Remote Control?
The RF-234 is used in mobile installations of the RF-230M and, different to the RF-307 used with the RF-280 or the RF-301, allows for remote channel and mode control of the transceiver.
Thanks in advance,
Wolf

683. PRC-138 & ALE

Yahoo group: harris-radio
Date: 2011-01-07 17:51:31 UTC
From: i3ldsari@yahoo.com
Topic: 683 Message: 683

PRC-138 general manual provides much information on ALE.It does not say that on self address programming you must enter a 3 number Self Address
(example 123) or ALE will not function.After this step you can enter your own amateur call as a self address.That information and many others can be found on:
www.armymars.net/ArmyMARS/Gen-Mil-Info/
Search for Operational Concept and Procedures for HF Radio...
Basic programming procedures (for prc 150)...Automatic link establ.programming pag.39 step 2 Self Address programming..f..
That information is also valid for PRC-138
I am QRV on monoband 3,5 and 7 for ALE test. 73 I3LDS Lodovico

684. Parts for RF-350

Yahoo group: harris-radio
Date: 2011-01-12 00:01:16 UTC
From: davemarquart
Topic: 684 Message: 684

I have a number of cards - part # 10085, 10086, and a few other misc. As a new person to this group, I am not sure how to offer them. Any help? Dave

685. harris radio system

Yahoo group: harris-radio
Date: 2011-01-17 16:37:56 UTC
From: DarxMind
Topic: 685 Message: 685

I have been trying to help a fellow ham restore a harris system, or modify a am7223 harris amp to work with his other hf radios or any hf radio for that matter. He has a rf3200 also, but neither one of us are familar enough with harris eqt to interface/mod this stuff. Iam looking for some help to either get the pair working together or mod the amp and the transiever. I normally don't wotk on harris(mil) eqt, but very familar with collins(mil) and a few others.
Don/w5dja

686. Re: [harris-radio] harris radio system

Yahoo group: harris-radio
Date: 2011-01-17 17:27:55 UTC
From: S C Marrow
Topic: 685 Message: 686

Google F1FRV

Steve
----- Original Message -----
From: DarxMind
To: harris-radio@yahoogroups.com
Sent: Monday, January 17, 2011 11:37 AM
Subject: [harris-radio] harris radio system

I have been trying to help a fellow ham restore a harris system, or modify a am7223 harris amp to work with his other hf radios or any hf radio for that matter. He has a rf3200 also, but neither one of us are familar enough with harris eqt to interface/mod this stuff. Iam looking for some help to either get the pair working together or mod the amp and the transiever. I normally don't wotk on harris(mil) eqt, but very familar with collins(mil) and a few others.
Don/w5dja

[Non-text portions of this message have been removed]

687. Re: [harris-radio] harris radio system

Yahoo group: harris-radio
Date: 2011-01-17 17:50:24 UTC
From: Bruce Lane
Topic: 685 Message: 687

Hi, Don,

I think I can at least give you some guidance. Have a look at the 'Harris' folder on my FTP archive.

ftp://ftp.bluefeathertech.com/pub/electronics/radio/Harris

You'll find .PDF's of the manuals for the amp itself, plus copies of details on a third-party tuning scheme using a PIC microcontroller (the latter not one of my designs).

Fair warning: The cooling fans in the 7223 amps are very noisy in the acoustic sense. I don't mind it, but it drives my XYL nuts.

Happy tweaking.

********** REPLY SEPARATOR **********

On 17-Jan-11 at 16:37 DarxMind wrote:

>I have been trying to help a fellow ham restore a harris system, or
>modify a am7223 harris amp to work with his other hf radios or any hf
>radio for that matter. He has a rf3200 also, but neither one of us are
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>for some help to either get the pair working together or mod the amp and
>the transiever. I normally don't wotk on harris(mil) eqt, but very familar
>with collins(mil) and a few others.
>Don/w5dja
>
>
>
>----------
>
>This Group Brought to you by 2mypc
>
>Are you with an ISP that gives you a dynamic IP?
>Do you need a domain name and don't want to pay a lot for it?
>Does your IP change every day or even every hour? and you need a way to
>get to you PC from outside your home or business?
>
>www.2mypc.netYahoo! Groups Links
>
>
>
>
>_____ Information from ESET NOD32 Antivirus, version of virus
>signature database 5795 (20110117) _____
>

>The message was checked by ESET NOD32 Antivirus.
>
>http://www.eset.com

-=-=-=-=-=-=-=-=-=-=-=-
Bruce Lane, Owner & Head Hardware Heavy,
Blue Feather Technologies -- http://www.bluefeathertech.com
kyrrin (at) bluefeathertech do/t c=o=m
"Quid Malmborg in Plano..."

689. Re: [harris-radio] Re: harris radio system

Yahoo group: harris-radio
Date: 2011-01-19 02:15:15 UTC
From: Bruce Lane
Topic: 685 Message: 689

I apologize for missing this, and for any misunderstanding.

If you will explain which items I need to do as links, I will remove them from the public archive and direct inquiries to your site.

For the record: I don't think of myself as "indelicate." My goal is to do the best I can to preserve and redistribute information useful to those of us utilizing legacy electronics. I'm not after glory, I'm not after fame, I'm not after ego-boosting. Far from any of it! Takes way too much effort to maintain such silliness.

How is this a problem?

********** REPLY SEPARATOR **********

On 18-Jan-11 at 16:30 f1frv wrote:

>no comments about indelicate people.....
>
>on my web site where the bluefather pumped and distributed some of my
>doduments, it is written:
>
>ASK FOR AUTHORISATION BEFORE COPYING ONE MY PERSONAL PAGES !!!
>
>I prefer you place a link to the page, in this way, no authorisation
>needed, and you will be sure to have the last revision.
>
>
>Le droit d'auteur en France est régi par la loi du 11 mars 1957 et la loi
>du 3 juillet 1985, codifiées dans le code de la propriété intellectuelle.
>
>En clair, cela veut dire, qu'avant de copier pour une diffusion sur un
>autre site, ou revue, ou autre média quelque chose que ce soit, que j'ai
>écrit, donc m'appartenant, il est NECESSAIRE de m'en faire la demande
>PREALABLE.
>
>Je préfère que vous placiez un lien vers la page qui vous intéresse, pas
>besoin d'autorisation de ma part, et vous serez sûr d'avoir la dernière
>révision.
>
>If you are not able to read French, the general meaning is:
>
>ASK FOR AUTHORISATION BEFORE COPYING ONE MY PERSONAL PAGES !!!
>
>I prefer you place a link to the page, in this way, no authorisation
>needed, and you will be sure to have the last revision.
>

>La loi reconnaît en tant qu'auteur toute personne physique qui crée une
>oeuvre de l'esprit quelle que soit son genre (littéraire, musical ou
>artistique), sa forme d'expression (orale ou écrite), son mérite ou sa
>finalité (but artistique ou utilitaire). Le droit d'auteur couvre donc
>toute création de l'esprit, qu'elle soit une oeuvre littéraire (livres,
>journaux, pièces de théâtre, logiciels, site web, etc.), une oeuvre d'art
>(peinture, sculpture, photographie, image infographiée, architecture,
>etc.), une oeuvre musicale ou audiovisuelle, dès lors qu'elle est
>matérialisée, originale et qu'elle est l'expression de la personnalité de
>l'auteur.
>
>Ainsi ne tombent pas sous la protection du droit d'auteur les créations de
>l'esprit purement conceptuelles telles qu'une idée, un concept, un mot du
>langage courant, ou une méthode. D'après les article L.111-1 et L.123-1 du
>code de la propriété intellectuelle, l'auteur d'une oeuvre de l'esprit
>jouit d'un droit de propriété exclusif dès sa création, sans nécessité
>d'accomplissement de formalités (dépôt ou enregistrement), pour une durée
>correspondant à l'année civile du décès de l'auteur et des soixante-dix
>années qui suivent, au bénéfice de ses ayants-droits. Au-delà de cette
>période, les oeuvres entrent dans le domaine public.
>
>Toutefois, en cas de litige, il est nécessaire de pouvoir apporter une
>preuve de l'existence de l'oeuvre à une date donnée, soit en ayant
>effectuée préalablement un dépôt auprès d'un organisme habilité, soit en
>ayant rendue l'oeuvre publique et en étant en moyen de le prouver. Article
>L. 111-1 du Code de la propriété intellectuelle :
>
>L'auteur d'une oeuvre de l'esprit jouit sur cette oeuvre, du seul fait de
>sa création, d'un droit de propriété incorporelle exclusif et opposable à
>tous. Ce droit comporte des attributs d'ordre intellectuel et moral, ainsi
>que des attributs d'ordre patrimonial [...].Article L. 123-1 du Code de la
>propriété intellectuelle : L'auteur jouit, sa vie durant du droit exclusif
>d'exploiter son oeuvre sous quelque forme que ce soit et d'en tirer un
>profit pécuniaire. Au décès de l'auteur, ce droit persiste au bénéfice de
>ses ayants-droits pendant l'année civile en cours et les soixante-dix
>années qui suivent.
>
>
>
>
>
>
>--- In harris-radio@yahoogroups.com, "Bruce Lane" <kyrrin@...> wrote:
>>
>> Hi, Don,
>>
>> I think I can at least give you some guidance. Have a look at the
>'Harris' folder on my FTP archive.
>>
>> ftp://ftp.bluefeathertech.com/pub/electronics/radio/Harris

>>
>> You'll find .PDF's of the manuals for the amp itself, plus copies of
>details on a third-party tuning scheme using a PIC microcontroller (the
>latter not one of my designs).
>>
>> Fair warning: The cooling fans in the 7223 amps are very noisy in the
>acoustic sense. I don't mind it, but it drives my XYL nuts.
>>
>> Happy tweaking.
>>
>> *********** REPLY SEPARATOR ***********
>>
>> On 17-Jan-11 at 16:37 DarxMind wrote:
>>
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>> >the transiever. I normally don't wotk on harris(mil) eqt, but very
>familar
>> >with collins(mil) and a few others.
>> >Don/w5dja
>> >
>> >
>> >
>> >------------------------------------
>> >
>> >This Group Brought to you by 2mypc
>> >
>> >Are you with an ISP that gives you a dynamic IP?
>> >Do you need a domain name and don't want to pay a lot for it?
>> >Does your IP change every day or even every hour? and you need a way to
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>> >
>> >www.2mypc.netYahoo! Groups Links
>> >
>> >
>> >
>> >
>> >_____ Information from ESET NOD32 Antivirus, version of virus
>> >signature database 5795 (20110117) _____
>> >
>> >The message was checked by ESET NOD32 Antivirus.
>> >
>> >http://www.eset.com
>>
>>
>> -=-=-=-=-=-=-=-=-=-=-=-
>> Bruce Lane, Owner & Head Hardware Heavy,

>> Blue Feather Technologies -- http://www.bluefeathertech.com
>> kyrrin (at) bluefeathertech do/t c=o=m
>> "Quid Malmborg in Plano..."
>>
>
>
>
>
>----------
>
>This Group Brought to you by 2mypc
>
>Are you with an ISP that gives you a dynamic IP?
>Do you need a domain name and don't want to pay a lot for it?
>Does your IP change every day or even every hour? and you need a way to
>get to you PC from outside your home or business?
>
>www.2mypc.netYahoo! Groups Links
>
>
>
>
>_____ Information from ESET NOD32 Antivirus, version of virus
>signature database 5798 (20110118) _____
>
>The message was checked by ESET NOD32 Antivirus.
>
>http://www.eset.com

-=-=-=-=-=-=-=-=-=-=-=-
Bruce Lane, Owner & Head Hardware Heavy,
Blue Feather Technologies -- http://www.bluefeathertech.com
kyrrin (at) bluefeathertech do/t c=o=m
"Quid Malmborg in Plano..."

690. RE: [harris-radio] Parts for RF-350

Yahoo group: harris-radio
Date: 2011-01-19 16:13:20 UTC
From: Tom E. Miller
Topic: 684 Message: 690

Dave,

I am new to this group also.
I'm interested in some spare cards for my RF-350.

What cards A1A2 etc.are they, and do they work?
What do the 10086 cards fit?

Did you get any other answers.

Tom Miller
WB8ICT

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of davemarquart
Sent: Tuesday, January 11, 2011 7:01 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Parts for RF-350

I have a number of cards - part # 10085, 10086, and a few other misc. As a new person to this group, I am not sure how to offer them. Any help? Dave

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1191 / Virus Database: 1435/3373 - Release Date: 01/11/11

[Non-text portions of this message have been removed]

691. Re: [harris-radio] Parts for RF-350

Yahoo group: harris-radio
Date: 2011-01-19 16:42:55 UTC
From: Dave Marquart
Topic: 684 Message: 691

HI Tom.. I tried to answer your question from the 'user group' but could not find a way to do that.... soooo I will answer your question here..

The 10085 cards are in the RT-350
The 10086 cards are used in the 500 watt amp.

I have the following parts for Harris RF-350K/RT-1446/URC

10085-5000 First Converter PWB Assy A1A3
10085-5500 REF/BFO PWB Assy A1A9
10085-0290 Circuit Card Assy, A2A1
10085-9000 Circuit Card Assy, A1A12 (no battery)
10085-0550 Circuit Card Assy, A1A17
10085-5600 Synthesizer PWB Assy A1A10
10085-5400 Exciter PWB Assy, A1A1
10085-0220 13.6 V Power Supply PWB Assy, A2A2A1
10085-0260 13.6 V P/S assembly A2A2
10085-8010 Power Amplifier Assembly A1A4
10085-0065 Power cord – 115 ac – for RF-350

Parts for Harris 500 Watt Amplifier
10086-9200 500 W Micro Control PWB Assy, A6
10086-7100 500 W Amp. Power Control PWB Assy, A5
10086-1150 500 W Rectifier/Bleeder PWB Assy, A8
10086-3700 500 W Amp. Electronic Comp Assembly, Tank Assy, A2

The cards come from Depot Stock and should all work..

73 Dave

On Wed, Jan 19, 2011 at 9:13 AM, Tom E. Miller <tom.e.miller@...> wrote:
> Dave,
>
> I am new to this group also.
> I'm interested in some spare cards for my RF-350.
>
> What cards A1A2 etc.are they, and do they work?
> What do the 10086 cards fit?
>
> Did you get any other answers.
>
> Tom Miller
> WB8ICT
>
> _____
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On

> Behalf Of davemarquart
> Sent: Tuesday, January 11, 2011 7:01 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] Parts for RF-350
>
>
>
>
> I have a number of cards - part # 10085, 10086, and a few other misc. As a
> new person to this group, I am not sure how to offer them. Any help? Dave
>
>
>
>
> _____
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1191 / Virus Database: 1435/3373 - Release Date: 01/11/11
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC
from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
>

--
Dave Marquart
3100 E Victory Rd
Meridian, ID 83642
208 559-4747 cell
davemarquart@...

692. RE: [harris-radio] Parts for RF-350

Yahoo group: harris-radio
Date: 2011-01-19 19:09:29 UTC
From: Tom E. Miller
Topic: 684 Message: 692

Dave,

Thanks for the quick reply. I would be interested in knowing the

Prices for the following items;

10085-8010 Power Amplifier Assembly A1A4
10085-0065 Power cord - 115 ac - for RF-350

10085-0220 13.6 V Power Supply PWB Assy, A2A2A1
10085-0260 13.6 V P/S assembly A2A2

I would probably be interested in some more after payday.

I could share your list with my 350K friends if you could price

The all.

I would think that anyone with a 350K could use some spares.

Thanks Tom

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Dave Marquart
Sent: Wednesday, January 19, 2011 11:43 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Parts for RF-350

HI Tom.. I tried to answer your question from the 'user group' but could not find a way to do that.... soooo I will answer your question here..

The 10085 cards are in the RT-350
The 10086 cards are used in the 500 watt amp.

I have the following parts for Harris RF-350K/RT-1446/URC

10085-5000 First Converter PWB Assy A1A3
10085-5500 REF/BFO PWB Assy A1A9
10085-0290 Circuit Card Assy, A2A1
10085-9000 Circuit Card Assy, A1A12 (no battery)
10085-0550 Circuit Card Assy, A1A17
10085-5600 Synthesizer PWB Assy A1A10
10085-5400 Exciter PWB Assy, A1A1
10085-0220 13.6 V Power Supply PWB Assy, A2A2A1
10085-0260 13.6 V P/S assembly A2A2
10085-8010 Power Amplifier Assembly A1A4
10085-0065 Power cord - 115 ac - for RF-350

Parts for Harris 500 Watt Amplifier
10086-9200 500 W Micro Control PWB Assy, A6
10086-7100 500 W Amp. Power Control PWB Assy, A5
10086-1150 500 W Rectifier/Bleeder PWB Assy, A8
10086-3700 500 W Amp. Electronic Comp Assembly, Tank Assy, A2

The cards come from Depot Stock and should all work..

73 Dave

On Wed, Jan 19, 2011 at 9:13 AM, Tom E. Miller <tom.e.miller@...>
wrote:
> Dave,
>
> I am new to this group also.
> I'm interested in some spare cards for my RF-350.
>
> What cards A1A2 etc.are they, and do they work?
> What do the 10086 cards fit?
>
> Did you get any other answers.
>
> Tom Miller
> WB8ICT
>
> _____
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
On
> Behalf Of davemarquart
> Sent: Tuesday, January 11, 2011 7:01 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] Parts for RF-350
>
>
>
>
> I have a number of cards - part # 10085, 10086, and a few other misc. As a
> new person to this group, I am not sure how to offer them. Any help? Dave
>
>
>
>
> _____
>
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1191 / Virus Database: 1435/3373 - Release Date: 01/11/11
>
>
>

> [Non-text portions of this message have been removed]
>
>
>
> ----------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to
get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
>

--
Dave Marquart
3100 E Victory Rd
Meridian, ID 83642
208 559-4747 cell
davemarquart@...

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get
to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

No virus found in this message.
Checked by AVG - www.avg.com
Version: 10.0.1191 / Virus Database: 1435/3389 - Release Date: 01/18/11

[Non-text portions of this message have been removed]

693. Harris radios info

Yahoo group: harris-radio
Date: 2011-01-19 20:57:49 UTC
From: DarxMind
Topic: 693 Message: 693

Thanks to all for guides and info.
I look fwd to returning favors of help.
Don

694. Re: [harris-radio] Parts for RF-350

Yahoo group: harris-radio
Date: 2011-01-20 00:26:23 UTC
From: Dave Marquart
Topic: 684 Message: 694

Hello Tom:

Glad you caught me.. leaving town tomorrow _San Diego- for a month..

I am somewhat at a loss as to what the prices are.. I have some $$$$ invested
in the entire group.. but here goes on the individual...

10085-8010 Power Amplifier Assembly A1A4 $100.00
10085-0065 Power cord - 115 ac - for RF-350 $25.00
10085-0220 13.6 V Power Supply PWB Assy, A2A2A1 $50.00
10085-0260 13.6 V P/S assembly A2A2 $50.00

Let me know soonest and I will take items with me and mail them on the road..

73 Dave W7VT

On Wed, Jan 19, 2011 at 12:09 PM, Tom E. Miller
<tom.e.miller@...> wrote:
> Dave,
>
>
>
> Thanks for the quick reply. I would be interested in knowing the
>
> Prices for the following items;
>
>
>
> 10085-8010 Power Amplifier Assembly A1A4
> 10085-0065 Power cord - 115 ac - for RF-350
>
> 10085-0220 13.6 V Power Supply PWB Assy, A2A2A1
> 10085-0260 13.6 V P/S assembly A2A2
>
>
>
> I would probably be interested in some more after payday.
>
>
>
> I could share your list with my 350K friends if you could price
>
> The all.
>
>
>

> I would think that anyone with a 350K could use some spares.
>
>
>
> Thanks Tom
>
>
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Dave Marquart
> Sent: Wednesday, January 19, 2011 11:43 AM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] Parts for RF-350
>
>
>
> HI Tom.. I tried to answer your question from the 'user group' but could
> not find a way to do that.... soooo I will answer your question here..
>
> The 10085 cards are in the RT-350
> The 10086 cards are used in the 500 watt amp.
>
> I have the following parts for Harris RF-350K/RT-1446/URC
>
> 10085-5000 First Converter PWB Assy A1A3
> 10085-5500 REF/BFO PWB Assy A1A9
> 10085-0290 Circuit Card Assy, A2A1
> 10085-9000 Circuit Card Assy, A1A12 (no battery)
> 10085-0550 Circuit Card Assy, A1A17
> 10085-5600 Synthesizer PWB Assy A1A10
> 10085-5400 Exciter PWB Assy, A1A1
> 10085-0220 13.6 V Power Supply PWB Assy, A2A2A1
> 10085-0260 13.6 V P/S assembly A2A2
> 10085-8010 Power Amplifier Assembly A1A4
> 10085-0065 Power cord - 115 ac - for RF-350
>
> Parts for Harris 500 Watt Amplifier
> 10086-9200 500 W Micro Control PWB Assy, A6
> 10086-7100 500 W Amp. Power Control PWB Assy, A5
> 10086-1150 500 W Rectifier/Bleeder PWB Assy, A8
> 10086-3700 500 W Amp. Electronic Comp Assembly, Tank Assy, A2
>
> The cards come from Depot Stock and should all work..
>
> 73 Dave
>
> On Wed, Jan 19, 2011 at 9:13 AM, Tom E. Miller <tom.e.miller@...>
> wrote:
>> Dave,
>>

>> I am new to this group also.
>> I'm interested in some spare cards for my RF-350.
>>
>> What cards A1A2 etc.are they, and do they work?
>> What do the 10086 cards fit?
>>
>> Did you get any other answers.
>>
>> Tom Miller
>> WB8ICT
>>
>> _____
>>
>> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> On
>> Behalf Of davemarquart
>> Sent: Tuesday, January 11, 2011 7:01 PM
>> To: harris-radio@yahoogroups.com
>> Subject: [harris-radio] Parts for RF-350
>>
>>
>>
>>
>> I have a number of cards - part # 10085, 10086, and a few other misc. As a
>> new person to this group, I am not sure how to offer them. Any help? Dave
>>
>>
>>
>>
>> _____
>>
>>
>> No virus found in this message.
>> Checked by AVG - www.avg.com
>> Version: 10.0.1191 / Virus Database: 1435/3373 - Release Date: 01/11/11
>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>>
>>
>> ------------------------------------
>>
>> This Group Brought to you by 2mypc
>>
>> Are you with an ISP that gives you a dynamic IP?
>> Do you need a domain name and don't want to pay a lot for it?
>> Does your IP change every day or even every hour? and you need a way to
> get to you PC from outside your home or business?

>>
>> www.2mypc.netYahoo! Groups Links
>>
>>
>>
>>
>
>
>
> --
> Dave Marquart
> 3100 E Victory Rd
> Meridian, ID 83642
> 208 559-4747 cell
> davemarquart@...
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get
> to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
> _____
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 10.0.1191 / Virus Database: 1435/3389 - Release Date: 01/18/11
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC
from outside your home or business?

>
> www.2mypc.netYahoo! Groups Links
>
>
>
>

--
Dave Marquart
3100 E Victory Rd
Meridian, ID 83642
208 559-4747 cell
davemarquart@...

695. Thank you

Yahoo group: harris-radio
Date: 2011-01-20 14:26:20 UTC
From: jay
Topic: 695 Message: 695

Roger,

Thanks for helping me out with my RF-3201. It's now working great and could hear a lot of stations with it. I have uploaded pictures of the RF-3201 in the photos section.

Thanks also to the group.

Regards,

jay

696. rf505a,,receiver

Yahoo group: harris-radio
Date: 2011-01-22 19:25:55 UTC
From: baw0411956
Topic: 696 Message: 696

hi,,,,am looking for a power supply for the 505a receiver,,or
a non working receiver,,,,,,,regards jim johnson

697. RF-3236 power supply manual

Yahoo group: harris-radio
Date: 2011-01-22 20:39:19 UTC
From: arclight_arclight
Topic: 697 Message: 697

All: I've mislaid my RF-3236 power supply manual. Anyone out there have a copy they'd share?

Thanks!

698. Re: [harris-radio] RF-3236 power supply manual

Yahoo group: harris-radio
Date: 2011-01-22 20:44:56 UTC
From: Alex Rokowetz
Topic: 697 Message: 698

I have a hard copy, but no pdf. If no one ends up having a pdf to email you, I could xerox it and snail mail it to you.

Alex
K2AJR
belarok@...

From: arclight_arclight <dsmaples@...>
To: harris-radio@yahoogroups.com
Sent: Sat, January 22, 2011 3:39:19 PM
Subject: [harris-radio] RF-3236 power supply manual

All: I've mislaid my RF-3236 power supply manual. Anyone out there have a copy they'd share?

Thanks!

[Non-text portions of this message have been removed]

699. RE: [harris-radio] RF-3236 power supply manual

Yahoo group: harris-radio
Date: 2011-01-22 21:55:14 UTC
From: Roger Waldmiller
Topic: 697 Message: 699

Hi

Look in the FILES in the harris- radio group

Its only a supplement , there was never a full manual as it was a OEM product

Roger

K4alphapapa

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of arclight_arclight
Sent: Saturday, January 22, 2011 3:39 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-3236 power supply manual

All: I've mislaid my RF-3236 power supply manual. Anyone out there have a copy they'd share?

Thanks!

[Non-text portions of this message have been removed]

700. rf-355 help

Yahoo group: harris-radio
Date: 2011-01-26 15:35:53 UTC
From: vk5abc
Topic: 637 Message: 700

Hello All

Has anyone ever have to replace the 400hz blower fan in this amplifier?
Is it possible to replace it with a 50hz fan?

73 Lee.

701. FS. Harris RF-784 Remote Control

Yahoo group: harris-radio
Date: 2011-01-30 11:57:42 UTC
From: Gerrit S
Topic: 701 Message: 701

Hello,

I have FS a HARRIS RF-784 Remote Control Unit RF Communications.

It working on a RF131 Exiter in combination whit a RF130 (RF110)

amplifier.

The remote control is listed on Ebay adv.# 190496351746

regards Gerrit

702. RF-790?

Yahoo group: harris-radio
Date: 2011-01-30 16:28:52 UTC
From: W2HX
Topic: 702 Message: 702

Anyone know what radios the RF-790 remote control unit can be used with?
Seems like it has a serial in/out structure to control the exciter

73 Eugene W2HX

[Non-text portions of this message have been removed]

703. RF-5110

Yahoo group: harris-radio
Date: 2011-02-01 04:12:41 UTC
From: vk5abc
Topic: 703 Message: 703

Hello All

Anyone with a circuit for the RF-5110 amplifier?

73 Lee

704. Re: [harris-radio] RF-5110

Yahoo group: harris-radio
Date: 2011-02-01 10:04:03 UTC
From: Steve Sykes
Topic: 703 Message: 704

The RF-5110 is an early version of the current RF-5032, RF-5832. Although they are all come under ITAR, you might be able to find something about them on the net.

SteveKD2OM
On 01/31/2011 11:12 PM, vk5abc wrote:
>
> Hello All
>
> Anyone with a circuit for the RF-5110 amplifier?
>
> 73 Lee
>
>

[Non-text portions of this message have been removed]

705. fRF 590A

Yahoo group: harris-radio
Date: 2011-02-02 00:17:15 UTC
From: t
Topic: 705 Message: 705

Any one know how to tell if the radio has the remote contol option.

Also do it have a test function that would list options and revs.?

706. Re: [harris-radio] fRF 590A

Yahoo group: harris-radio
Date: 2011-02-02 09:57:54 UTC
From: Steve Sykes
Topic: 705 Message: 706

Yes it has a remote control option. J8 on the rear panel is the remote control connector.

I can't find how to read the rev/options but will check today and let you know.

Steve
On 02/01/2011 07:17 PM, t wrote:
>
> Any one know how to tell if the radio has the remote contol option.
>
> Also do it have a test function that would list options and revs.?
>
>

[Non-text portions of this message have been removed]

707. Re: [harris-radio] fRF 590A

Yahoo group: harris-radio
Date: 2011-02-02 14:25:24 UTC
From: Terry
Topic: 705 Message: 707

so I take that to mean the remote is standard on the 590a and not a add on option correct?

Terry

--- On Wed, 2/2/11, Steve Sykes <steve@ecsykes.com> wrote:

From: Steve Sykes <steve@...>
Subject: Re: [harris-radio] fRF 590A
To: harris-radio@yahoogroups.com
Date: Wednesday, February 2, 2011, 1:57 PM

Yes it has a remote control option. J8 on the rear panel is the remote
control connector.

I can't find how to read the rev/options but will check today and let
you know.

Steve
On 02/01/2011 07:17 PM, t wrote:
>
> Any one know how to tell if the radio has the remote contol option.
>
> Also do it have a test function that would list options and revs.?
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

708. Re: FS. Harris RF-784 Remote Control

Yahoo group: harris-radio
Date: 2011-02-02 21:06:08 UTC
From: Gerrit S
Topic: 701 Message: 708

Hello,

Only 20 hours to go.....

Also I have a hard to find Harris RF Amphenol connector 26 p. male for sale. Ebay #.190497925882

--- In harris-radio@yahoogroups.com, "Gerrit S" <gerritspeelman@...> wrote:
>
> Hello,
>
> I have FS a HARRIS RF-784 Remote Control Unit RF Communications.
>
> It working on a RF131 Exiter in combination whit a RF130 (RF110)
>
> amplifier.
>
> The remote control is listed on Ebay adv.# 190496351746
>
> regards Gerrit
>

709. Re: [harris-radio] fRF 590A

Yahoo group: harris-radio
Date: 2011-02-02 22:03:58 UTC
From: Steve Sykes
Topic: 705 Message: 709

The optional remote is to run the RF-551 and RF-591 pre-selector. The RS-232 RS-485 interface is for control of the radio. There are documents around that detail the protocol, it is not as simple as sending a command from a terminal.

Steve
On 02/02/2011 09:25 AM, Terry wrote:
>
> so I take that to mean the remote is standard on the 590a and not a
> add on option correct?
>
> Terry
>
> --- On Wed, 2/2/11, Steve Sykes <steve@...
> <mailto:steve%40ecsykes.com>> wrote:
>
> From: Steve Sykes <steve@...m <mailto:steve%40ecsykes.com>>
> Subject: Re: [harris-radio] fRF 590A
> To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> Date: Wednesday, February 2, 2011, 1:57 PM
>
>
>
> Yes it has a remote control option. J8 on the rear panel is the remote
> control connector.
>
> I can't find how to read the rev/options but will check today and let
> you know.
>
> Steve
> On 02/01/2011 07:17 PM, t wrote:
> >
> > Any one know how to tell if the radio has the remote contol option.
> >
> > Also do it have a test function that would list options and revs.?
> >
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

710. Re: [harris-radio] RF-5110

Yahoo group: harris-radio
Date: 2011-02-05 03:21:54 UTC
From: Terry
Topic: 703 Message: 710

Steve,

are you available to help me with the Harris modem operations tomorrow morning? if so link up to my station I will have it running ALE on the MARS frequencies. ZZONNN.

73 Terry

--- On Tue, 2/1/11, Steve Sykes <steve@...> wrote:

From: Steve Sykes <steve@...>
Subject: Re: [harris-radio] RF-5110
To: harris-radio@yahoogroups.com
Date: Tuesday, February 1, 2011, 2:04 PM

The RF-5110 is an early version of the current RF-5032, RF-5832.
Although they are all come under ITAR, you might be able to find
something about them on the net.

SteveKD2OM
On 01/31/2011 11:12 PM, vk5abc wrote:
>
> Hello All
>
> Anyone with a circuit for the RF-5110 amplifier?
>
> 73 Lee
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

711. Re: [harris-radio] RF-5110

Yahoo group: harris-radio
Date: 2011-02-05 03:22:17 UTC
From: Terry
Topic: 703 Message: 711

Steve,

are you available to help me with the Harris modem operations tomorrow morning? if so link up to my station I will have it running ALE on the MARS frequencies. ZZONNN.

73 Terry

--- On Tue, 2/1/11, Steve Sykes <steve@...> wrote:

From: Steve Sykes <steve@...>
Subject: Re: [harris-radio] RF-5110
To: harris-radio@yahoogroups.com
Date: Tuesday, February 1, 2011, 2:04 PM

The RF-5110 is an early version of the current RF-5032, RF-5832.
Although they are all come under ITAR, you might be able to find
something about them on the net.

SteveKD2OM
On 01/31/2011 11:12 PM, vk5abc wrote:
>
> Hello All
>
> Anyone with a circuit for the RF-5110 amplifier?
>
> 73 Lee
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

712. Re: [harris-radio] RF-5110

Yahoo group: harris-radio
Date: 2011-02-05 17:28:19 UTC
From: Steve Sykes
Topic: 703 Message: 712

Terry,
I am scanning.
Steve
On 02/04/2011 10:22 PM, Terry wrote:
>
> Steve,
>
> are you available to help me with the Harris modem operations tomorrow
> morning? if so link up to my station I will have it running ALE on
> the MARS frequencies. ZZONNN.
>
> 73 Terry
>
>
> --- On Tue, 2/1/11, Steve Sykes <steve@...
> <mailto:steve%40ecsykes.com>> wrote:
>
> From: Steve Sykes <steve@... <mailto:steve%40ecsykes.com>>
> Subject: Re: [harris-radio] RF-5110
> To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> Date: Tuesday, February 1, 2011, 2:04 PM
>
>
>
> The RF-5110 is an early version of the current RF-5032, RF-5832.
> Although they are all come under ITAR, you might be able to find
> something about them on the net.
>
> SteveKD2OM
> On 01/31/2011 11:12 PM, vk5abc wrote:
> >
> > Hello All
> >
> > Anyone with a circuit for the RF-5110 amplifier?
> >
> > 73 Lee
> >
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

713. RF-230 manual help

Yahoo group: harris-radio
Date: 2011-02-07 07:11:46 UTC
From: vk5abc
Topic: 713 Message: 713

Hello All

I am looking for the manual RF-230 and need the circuit for the PA stage and yes I know there is a manual to download. Only problem is there is only part of the circuit, looks about a 1/4 as there is only the ouput transistors but no drivers or even the predriver.

Can anyone help?

73's Lee

714. RF-350K help

Yahoo group: harris-radio
Date: 2011-02-09 06:39:04 UTC
From: vk5abc
Topic: 505 Message: 714

Hello All

What size is the speaker used on the RT-1446 front panel and do you know where I can get a replacement?

73, Lee

715. Re: RF-230 manual help

Yahoo group: harris-radio
Date: 2011-02-09 15:24:44 UTC
From: wolf_kiel
Topic: 713 Message: 715

Hi Lee,
do you still need the PA stage schematic? I have the 230 manuals and can send a copy. What Model (year of manufacture) is your radio? There are differences between the models. What is the problem with your PA stage?

Wolf

--- In harris-radio@yahoogroups.com, "vk5abc" <vk5abc@...> wrote:
>
> Hello All
>
> I am looking for the manual RF-230 and need the circuit for the PA stage and yes I know there is a manual to download. Only problem is there is only part of the circuit, looks about a 1/4 as there is only the ouput transistors but no drivers or even the predriver.
>
> Can anyone help?
>
> 73's Lee
>

716. RF 7210A Power cord connector

Yahoo group: harris-radio
Date: 2011-02-09 19:06:21 UTC
From: t
Topic: 716 Message: 716

I have someone looking for information already but figured I would post it here as well. Does anyone have the part number and or Source for the 4 ping power connector that is used on the RF 7210?

Terry

717. Power connctor for RF 5051PS-125

Yahoo group: harris-radio
Date: 2011-02-10 16:00:02 UTC
From: t
Topic: 717 Message: 717

I had such good luck on getting the 7210A information figured I would try for this one as well. I am looking for the part number for the female 3 pin 120V power connector.

718. Re: Power connctor for RF 5051PS-125

Yahoo group: harris-radio
Date: 2011-02-10 21:29:41 UTC
From: r390b
Topic: 717 Message: 718

--- In harris-radio@yahoogroups.com, "t" <ab8al@...> wrote:
>
> I had such good luck on getting the 7210A information figured I would try for this one as well. I am looking for the part number for the female 3 pin 120V power connector.
>

It uses a MS3116J12-3S (have an AC cord in my hand as we speak -- err type)

William Perry Company has them for about half the price most other places.
Be sure to ask for the long back-shell, as it makes dressing the cable much easier.

73

Tom NU4G

719. RF 7210A

Yahoo group: harris-radio
Date: 2011-02-14 13:25:22 UTC
From: t
Topic: 719 Message: 719

Well I jerry riged a power connector and put the communication cable togahter and got the unit working. Couple issues, The battery is dead, anyone have a part number/source and how do I remove it do I need to pull the obard and unsolder the posts or do i need to unsolder the battery? Second the speaker is making a motor boat/white noise sound as
soon as I power up. Anyone have a depot manual or schematic for the RF 7210A? I am thinking about just removing one of the lead to the speaker as a short term fix. The audio form the radio is making it up just fine but has to be turned up to load to overcome the noise making it uncomortabl to listen to. If I can remove the lead I can just use the radio's speaker or the head set.

Also anyone have the remote command and structure set and what is needed as the data logger will Hyperterminal work? and what does it log?

Terry
AB8AL

720. Manuals Wanted

Yahoo group: harris-radio
Date: 2011-02-18 17:07:04 UTC
From: t
Topic: 720 Message: 720

Looking for the following manuals:

RF 7210A Operating and Depot (I already have the RF 7210 but not same)
RF 590A Operating and Depot (AGain already have the Rf 590 and 2368)
RF 1310A Operating and Depot
RF 1310 Operating and Depot

Will purchase just not wanting to spend Harris cost.

Terry

721. Re: [harris-radio] Manuals Wanted

Yahoo group: harris-radio
Date: 2011-02-21 05:13:06 UTC
From: Doug Smith [W7KF]
Topic: 720 Message: 721

Sorry, I have none of the manuals you're looking for but your comment about "Harris cost" got me to thinking --- have you priced manuals at Harris?

I'd love to have manuals for the PRC-138. Are Harris manuals something like $100? More? Less?

Just curious..

73,
-Doug, W7KF

t wrote:
>
>
> Looking for the following manuals:
>
> RF 7210A Operating and Depot (I already have the RF 7210 but not same)
> RF 590A Operating and Depot (AGain already have the Rf 590 and 2368)
> RF 1310A Operating and Depot
> RF 1310 Operating and Depot
>
> Will purchase just not wanting to spend Harris cost.
>
> Terry

722. Re: [harris-radio] Manuals Wanted

Yahoo group: harris-radio
Date: 2011-02-21 13:54:16 UTC
From: W2HX
Topic: 720 Message: 722

```
Rf-127 antenna coupler manual was $1,200
!!

Prices are really geared for military or commercial users it would seem
```

On Mon, 21 Feb 2011 00:13:06 -0500, harris-radio@yahoogroups.com wrote:
>
>
> Sorry, I have none of the manuals you're looking for but your comment about
> "Harris cost" got me to thinking --- have you priced manuals at Harris?
>
> I'd love to have manuals for the PRC-138. Are Harris manuals something like
> $100? More? Less?
>
> Just curious..
>
> 73,
> -Doug, W7KF
>
> t wrote:
> >
> >
> > Looking for the following manuals:
> >
> > RF 7210A Operating and Depot (I already have the RF 7210 but not same)
> > RF 590A Operating and Depot=> > RF 1310A Operating and Depot
> > RF 1310 Operating and Depot
> >
> > Will purchase just not wanting to spend Harris cost.
> >
> > Terry
>
>
> . , .
> Reply to sender<mailto:doug@...?subject=Re%3A%20%5Bharris-radio%5D%20Manuals%20Wanted> | Reply to group<mailto:harris-radio@yahoogroups.com?subject=Re%3A%20%5Bharris-radio%5D%20Manuals%20Wanted> | Reply via web post<http://groups.yahoo.com/group/harris-radio/post; ylc=X3oDMTJvODliaTU2BF9TAzk3MzU5NzE0BGdycElkAzkxODMxNzUEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzcyMQRzZWMDZnRyBHNsawNycGx5BHN0aW1IAzEyOTgyNjUxOTA-?act=reply&messageNumr1> | Start a New Topic<http://groups.yahoo.com/group/harris-radio/post; ylc=X3oDMTJlNjI1NzIzBF9TAzk3MzU5NzE0BGdycElkAzkxODMxNzUEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA250cGMEc3RpbWUDMTI5ODI2NTE5MA-->
> Messages in this topic<http://groups.yahoo.com/group/harris-radio/message/720; ylc=X3oDMTMyY2R1aG1kBF9TAzk3MzU5NzE0BGdycElkAzkxODMxNzUEZ3Jwc3BJZAMxNzA1MDYzMTA4BG1zZ0lkAzcyMQRzZWMDZnRyBHNsawN2dHBjBHN0aW1IAzEyOTgyNjUxOTAEdHBjSWQDNzIw> (2)

> Recent Activity:
>
> * New Members<http://groups.yahoo.com/group/harris-radio/members; ylc=X3oDMTJmaGE0>
> Visit Your Group<http://groups.yahoo.com/group/harris-radio; ylc=X3oDMTJlaDcydmhzBF9TAzk3MzU5NzE0BGdycElkAzkxODMxNzUEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwN2dGwEc2xrA3ZnaHAEc3RpbWUDMTI5ODI2NTE5MA-->
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.net
> [http://l.yimg.com/a/i/us/yg/logo/us.gif]<http://groups.yahoo.com/; ylc=X3oDMTJkOW80dWI0BF9TAzk3MzU5NzE0BGdycElkAzkxODMxNzUEZ3Jwc3BJZAMxNzA1MDYzMTA4BHNlYwNmdHIEc2xrA2dmcARzdGltZQMxMjk4MjY1MTkw
>
> Switch to: Text-Only<mailto:harris-radio-traditional@yahoogroups.com?subject=Change%20Delivery%20Format:%20Traditional>, Daily Digest<mailto:harris-radio-digest@yahoogroups.com?subject=Email%20Delivery:%20Digest> ☐ Unsubscribe<mailto:harris-radio-unsubscribe@yahoogroups.com?subject=Unsubscribe> ☐ Terms of Use<http://docs.yahoo.com/info/terms/>
> .
>
> , . ,

--
73 Eugene W2HX

723. Re: [harris-radio] Manuals Wanted

Yahoo group: harris-radio
Date: 2011-02-21 15:48:44 UTC
From: Doug Smith [W7KF]
Topic: 720 Message: 723

OUCH! OK, well, my curiosity has been completely eliminated!

Thanks and 73,
-Doug, W7KF

W2HX wrote:
>
>
> Rf-127 antenna coupler manual was $1,200
> !!

724. WTB Harris gear

Yahoo group: harris-radio
Date: 2011-02-22 19:41:09 UTC
From: t
Topic: 724 Message: 724

I am looking for the RF 1310 or RF 1310A and also the RF110A or RF 1110A with their matching power supplies.

Terry
AB8AL

725. RF-5032PA

Yahoo group: harris-radio
Date: 2011-02-23 06:33:04 UTC
From: vk5abc
Topic: 725 Message: 725

Hello All

Does anyone have the pinouts for J18 P.A. Control

best of 73's Lee

726. Re: RF-5032PA

Yahoo group: harris-radio
Date: 2011-02-23 06:36:31 UTC
From: vk5abc
Topic: 725 Message: 726

In case your wondering it should have been J8 Sorry about that.
best of 73's Lee

--- In harris-radio@yahoogroups.com, "vk5abc" <vk5abc@...> wrote:
>
> Hello All
>
> Does anyone have the pinouts for J18 P.A. Control
>
>
> best of 73's Lee
>

727. RE: [harris-radio] Re: RF-5032PA

Yahoo group: harris-radio
Date: 2011-02-23 16:15:31 UTC
From: W2HX
Topic: 725 Message: 727

J8 (PA to RT cable) on the 5032PA pins are as follows:

A - hop clock - rs232 output

B - Data (-) - 5 vdc or 0 vdc differential data

C - Data (+) - 0 vdc or 5 vdc differential data

D - On/Off - Ground closure = ON (to assert on, signal must be low. Off Is high)

E - Ground - supply return

F - Ground - supply return

G - Feedback (-) - feedback return

H - Feedback (+) - 0 to +5 vdc (+4 vdc at rated PEP)

J - +26.4 vdc - R/T supply voltage

K - +26.4 vdc- R/T supply voltage

Hope this helps

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of vk5abc
Sent: Wednesday, February 23, 2011 1:37 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-5032PA

In case your wondering it should have been J8 Sorry about that.
best of 73's Lee

--- In harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
, "vk5abc" <vk5abc@...> wrote:
>
> Hello All
>
> Does anyone have the pinouts for J18 P.A. Control
>
>
> best of 73's Lee
>

[Non-text portions of this message have been removed]

728. interfacing RF 5020 to amp

Yahoo group: harris-radio
Date: 2011-02-25 02:28:14 UTC
From: Frank
Topic: 728 Message: 728

I am new to the group however I am looking for information on interfacing the RF 5020 to other Harris amplifiers or Hughes amplifiers. I believe I have seen this done, but am wondering how you did it. I am looking to develope 400 to 500 watts. Matching amplifier in htis range is a little hard to come by plus rather expensive.
Frank KD7HVL

729. RE: [harris-radio] interfacing RF 5020 to amp

Yahoo group: harris-radio
Date: 2011-02-25 14:56:44 UTC
From: Roger Waldmiller
Topic: 728 Message: 729

Hello Frank:

You can mate the 5020 to Harris's PA's Rf-5031, Rf -5032, and Rf -5034.

The 5031/32 is 125 watts and needs a 28 vdc supply at least 15 AMPS

The 5034 is 400 watts and needs 28v dc at 50 amps

Harris PA"S do talk back to the RT.

Other than Harris PA's you are on your own.

I am not sure it will mate to the Other Harris 500 w or kw

It will mate to the 3230kw with the proper interfaces/cables

Roger

K4alphapapa

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Frank
Sent: Thursday, February 24, 2011 9:28 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] interfacing RF 5020 to amp

I am new to the group however I am looking for information on interfacing the RF 5020 to other Harris amplifiers or Hughes amplifiers. I believe I have seen this done, but am wondering how you did it. I am looking to develope 400 to 500 watts. Matching amplifier in htis range is a little hard to come by plus rather expensive.
Frank KD7HVL

[Non-text portions of this message have been removed]

730. Re: [harris-radio] interfacing RF 5020 to amp

Yahoo group: harris-radio
Date: 2011-02-25 16:45:51 UTC
From: Joe Munson
Topic: 728 Message: 730

Hi Frank,

The quick and easy way would be to buy a Older Marine Radio, such as a Harris RF 230. They have a great 125 watt Amp, actualy more like 150 watts out., a great filter board, and is easily seperated from the radio. The filter board is easy to work with a diode, switch set up. Add 12 volts and 100 miliwatts of drive and your on the air. This is by far the cheepest way to go. I ran this set up for a year. I also ran the GRC 106 Amp, 400 watts out. A good working 106 goes usually for around 500 dollars. The British GA ;480 and 481 amps usually bring in the neighbor hood of 100 - 150 dollars. They work fine. I recomend a Photo Islosator for the switching. I have a circuit I can send you that I used.

The cheepest would be the marine radio setup. You can buy usually dead marine sets for 25 to 50 dollars. I have yet to pay over 100 dollars for any marine set I own and operate. I have 4 SEA 222, 1 SEA 106, 4 Harris RF 230, I Hull 1798 I just bought for 25 dollars at Ft. Wayne Hamfest, had on the air last night, a Morrow I gave 10 dollars, for, and and a Kachina 150 I got for free, just to haul it home. Maybe you do not live near any large rivers with barge traffic. Lots of the Barge lines here on the Ohio River have dumped many of the HF sets, and they show up at the local hamfest quite often.

I paid 400 and 600 dollars for the 2 Harris 5032 Amps I own for my 2 Harris 5020's. I also have the Harris 28 volt DC supplies 115 -250 VAC, and the Harris 12-to 28 volt Switchers for operating the sets with amps mobile.

Let me know if I can be of any help.

Good Luck,

Joe Munson
WA4VAG
513-919-1210

[Non-text portions of this message have been removed]

731. Re: interfacing RF 5020 to amp

Yahoo group: harris-radio
Date: 2011-03-01 10:43:39 UTC
From: wolf_kiel
Topic: 728 Message: 731

I don't think it is a good idea to recommend a RF-230 amplifier for this purpose.The RF-230 amp is specified for 125W and when running it with 150W it gets rather hot. There are no protection circuits in the amp itself. All such circuits as ALC, over current protection, thermal protection and swr protection are located on separate circuit cards inside the RF-230 radio. When using the amp stand-alone and run it at high output levels, it is rather sensitive to damage of the final power transistors. There are two filter boards used in the R-230 radio, not a single one. When using the amp over the full frequency range of 1.6 to 30 MHz you will need both filter boards. The filter boards of the RF-230 having some problems when coming in the years. The relay contacts switching the filter elements tend to burn and corrode, so no safe switching is possible anymore and the final power transistors of the amp will see no defined load. A damage normally will occur. This type of relays is obsolete now and hard to replace. Even you find them NOS it will not help much as the problem will return soon as the relays are of bad quality. Often the amp itself has some trouble with a same type of relay installed in the amp.I made adapter boards to place high quality relays inside the amp and filter boards and it cured the problem.
Other issues are the bias circuits and the associated transistors. And, a very common problem in the RF-230 radio (also in the RF-2301 and RF-350K) are burning or even exploding tantalum capacitors. Especially when the radios getting older and are not used for a long time a disaster will occur when powering up for the first time. And, you may guess it already, such tantalum capacitors are also installed in the RF-230 amp. So be prepared for the fun when using this type of amplifiers. Over the years I fixed several RF-230 and RF-2301 radios and all of them had the problems described. So it is advisable to keep your hands off the amps if you are not well equipped with spare parts and repair time. Not that the RF-230 radios are bad, but need a lot of maintenance and a skilled technician when coming in the years - no matter what some amateurs are telling you.

Wolf

--- In harris-radio@yahoogroups.com, "Joe Munson" <prc74b@...> wrote:
>
> Hi Frank,
>
> The quick and easy way would be to buy a Older Marine Radio, such as a Harris RF 230. They have a great 125 watt Amp, actualy more like 150 watts out., a great filter board, and is easily seperated from the radio. The filter board is easy to work with a diode, switch set up. Add 12 volts and 100 miliwatts of drive and your on the air. This is by far the cheepest way to go. I ran this set up for a year. I also ran the GRC 106 Amp, 400 watts out. A good working 106 goes usually for around 500 dollars. The British GA ;480 and 481 amps usually bring in the neighbor hood of 100 - 150 dollars. They work fine. I recomend a Photo Islosator for the switching. I have a circuit I can send you that I used.
>
> The cheepest would be the marine radio setup. You can buy usually dead marine sets for 25 to 50 dollars. I have yet to pay over 100 dollars for any marine set I own and operate. I have 4 SEA 222, 1 SEA 106, 4 Harris RF 230, I Hull 1798 I just bought for 25 dollars at Ft. Wayne Hamfest, had on the air last night, a Morrow I gave 10 dollars, for, and and a

Kachina 150 I got for free, just to haul it home. Maybe you do not live near any large rivers with barge traffic. Lots of the Barge lines here on the Ohio River have dumped many of the HF sets, and they show up at the local hamfest quite often.
>
> I paid 400 and 600 dollars for the 2 Harris 5032 Amps I own for my 2 Harris 5020's. I also have the Harris 28 volt DC supplies 115 -250 VAC, and the Harris 12-to 28 volt Switchers for operating the sets with amps mobile.
>
> Let me know if I can be of any help.
>
> Good Luck,
>
> Joe Munson
> WA4VAG
> 513-919-1210
>
> [Non-text portions of this message have been removed]
>

732. Re: [harris-radio] Re: interfacing RF 5020 to amp

Yahoo group: harris-radio
Date: 2011-03-01 21:15:14 UTC
From: Steve Sykes
Topic: 728 Message: 732

The bigger problem with using an amplifier other than RF-5031/32 is that the receiver protection circuits are in the amplifier. Connecting an antenna directly can cause damage on the receiver/exciter board. If receiver protection is taken into account TX gain can be controlled via the remote to prevent overdriving a external amplifier, but as Wolf states, the RF-230 amplifier may not be the best selection. The tantalum caps do sometimes fail, usually dramatically.
More modern FET amplifiers probably would be a better solution, that or keep looking for the proper amplifier. Every R/T came with one from the factory.

Steve KD2OM

On 03/01/2011 05:43 AM, wolf_kiel wrote:
>
> I don't think it is a good idea to recommend a RF-230 amplifier for
> this purpose.The RF-230 amp is specified for 125W and when running it
> with 150W it gets rather hot. There are no protection circuits in the
> amp itself. All such circuits as ALC, over current protection, thermal
> protection and swr protection are located on separate circuit cards
> inside the RF-230 radio. When using the amp stand-alone and run it at
> high output levels, it is rather sensitive to damage of the final
> power transistors. There are two filter boards used in the R-230
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> range of 1.6 to 30 MHz you will need both filter boards. The filter
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> The relay contacts switching the filter elements tend to burn and
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> transistors of the amp will see no defined load. A damage normally
> will occur. This type of relays is obsolete now and hard to replace.
> Even you find them NOS it will not help much as the problem will
> return soon as the relays are of bad quality. Often the amp itself has
> some trouble with a same type of relay installed in the amp.I made
> adapter boards to place high quality relays inside the amp and filter
> boards and it cured the problem.
> Other issues are the bias circuits and the associated transistors.
> And, a very common problem in the RF-230 radio (also in the RF-2301
> and RF-350K) are burning or even exploding tantalum capacitors.
> Especially when the radios getting older and are not used for a long
> time a disaster will occur when powering up for the first time. And,
> you may guess it already, such tantalum capacitors are also installed
> in the RF-230 amp. So be prepared for the fun when using this type of
> amplifiers. Over the years I fixed several RF-230 and RF-2301 radios
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> your hands off the amps if you are not well equipped with spare parts

> and repair time. Not that the RF-230 radios are bad, but need a lot of
> maintenance and a skilled technician when coming in the years - no
> matter what some amateurs are telling you.
>
> Wolf
>
> --- In harris-radio@yahoogroups.com
> <mailto:harris-radio%40yahoogroups.com>, "Joe Munson" <prc74b@...> wrote:
> >
> > Hi Frank,
> >
> > The quick and easy way would be to buy a Older Marine Radio, such as
> a Harris RF 230. They have a great 125 watt Amp, actualy more like 150
> watts out., a great filter board, and is easily seperated from the
> radio. The filter board is easy to work with a diode, switch set up.
> Add 12 volts and 100 miliwatts of drive and your on the air. This is
> by far the cheepest way to go. I ran this set up for a year. I also
> ran the GRC 106 Amp, 400 watts out. A good working 106 goes usually
> for around 500 dollars. The British GA ;480 and 481 amps usually bring
> in the neighbor hood of 100 - 150 dollars. They work fine. I recomend
> a Photo Islosator for the switching. I have a circuit I can send you
> that I used.
> >
> > The cheepest would be the marine radio setup. You can buy usually
> dead marine sets for 25 to 50 dollars. I have yet to pay over 100
> dollars for any marine set I own and operate. I have 4 SEA 222, 1 SEA
> 106, 4 Harris RF 230, I Hull 1798 I just bought for 25 dollars at Ft.
> Wayne Hamfest, had on the air last night, a Morrow I gave 10 dollars,
> for, and and a Kachina 150 I got for free, just to haul it home. Maybe
> you do not live near any large rivers with barge traffic. Lots of the
> Barge lines here on the Ohio River have dumped many of the HF sets,
> and they show up at the local hamfest quite often.
> >
> > I paid 400 and 600 dollars for the 2 Harris 5032 Amps I own for my 2
> Harris 5020's. I also have the Harris 28 volt DC supplies 115 -250
> VAC, and the Harris 12-to 28 volt Switchers for operating the sets
> with amps mobile.
> >
> > Let me know if I can be of any help.
> >
> > Good Luck,
> >
> > Joe Munson
> > WA4VAG
> > 513-919-1210
> >
> > [Non-text portions of this message have been removed]
> >
>
>

[Non-text portions of this message have been removed]

733. C-11329/URC Parts

Yahoo group: harris-radio
Date: 2011-03-03 17:29:52 UTC
From: Ronald
Topic: 733 Message: 733

I just got two NOS C-11329 remotes. On the Audio/Microprocessor PWB there are two e-proms. The parts list shows U12 as "e-prom, programmed" and next to it is U31 "e-prom, unprogrammed" One unit has no U31 installed and the remote does not work. Since it is "unprogrammed" what does it do and is it necessary? In the other unit both e-proms have the identical hand written label on them with a version number. I don't want to take the good units parts and put them in the bad unit for testing as experience has told me not to do these kinds of things unless you have spares. Also, if it is a blank e-prom what is it? No numbers I can see.

734. RF 590A, RF 1310H and interfacing

Yahoo group: harris-radio
Date: 2011-03-07 17:23:14 UTC
From: t
Topic: 734 Message: 734

Can anyone help me out on the proper interfacing for these items. I have a Dowkey failsave coax realy on its way. I need to know how to tie all the pieces togather and figure out any sequencing issues. I a planning on interfacing the 1310 through a .1mW to 100W amp that will feed my IC 4KL to get 1kw output. I am just conncerned with the sequencing from pressing the PTT the Dowkey switchs from 590a to 1310H, then the 100w amp keys then the 1kw keys then rf is sent down the system.

Thanks,
Terry
AB8AL
NNN0ZZO

P.S. I already have a spoofing circuit to make the 1310H happy thinking it is connected to a 110A.

735. Complete Falcon HF set for sale with remote Mount

Yahoo group: harris-radio
Date: 2011-03-08 16:35:37 UTC
From: j.cherry377
Topic: 735 Message: 735

I have a complete 125w Falcon 1 HF set with exciter, amplifier, control head, remote mount kit, 110V Power supply, cables and shock mount. I have three sets so I need to thin the herd. No Encryption in this unit. $4000. Reoly only off group

736. Re: Complete Falcon HF set for sale with remote Mount

Yahoo group: harris-radio
Date: 2011-03-08 21:23:08 UTC
From: Mike
Topic: 735 Message: 736

Is the R/T a 5020 or 5022?
Mike

--- In harris-radio@yahoogroups.com, "j.cherry377" <j.cherry377@...> wrote:
>
> I have a complete 125w Falcon 1 HF set with exciter, amplifier, control head, remote mount kit, 110V Power supply, cables and shock mount. I have three sets so I need to thin the herd. No Encryption in this unit. $4000. Reoly only off group
>

737. Modern Alternative to FalComm for remote control? + PRC-138 idea

Yahoo group: harris-radio
Date: 2011-03-10 06:35:53 UTC
From: r390b
Topic: 737 Message: 737

I hate to use a dumb terminal to remotely control my radios, and the 20 year old DOS machine that runs FalComm is on its last legs.

Is there something out there, regardless of OS, that is an improvement over FalComm for 5000 series remote control and net/memory loading?

If not, would anyone be interested should I find help in writing a GUI interface that would run on Linux or OSX? A handheld Arduino-based controller with a real knob? Given the simple text-based command structure of the Falcon series, it might be easy to do -- other folks have built interfaces from the ground up for more obscure radios like the RU-20, etc.

Also --

I have a dreaded A7 module in one of my PRC-138's that I need to repair. Ordered all the parts, but for a year now (vision issues) but not gotten around to it. I am also considering an alternate design using a slightly more modern SWMP controller. Trying to make up my mind on what to go with, something to fit the A7's slot, or something built on a daughterboard and attach to the underside of the interconnect board. I'm open to ideas. It may take forever for me to actually get around to it, but I hope to get something together eventually. (How often do these power supply modules fail? Hopefully not often, as I don't hear many complaints on the other assorted radio lists from folks that have PRC-138's.)

(Anyone? Bueller? Beuller?)

73

Tom NU4G

I'm about 2/3 of a year behind in repairs for several folks due to health issues that have affected my vision. I apologize, please bear with me. I've not forgotten.

738. Re: [harris-radio] Modern Alternative to FalComm for remote control? + PRC-138 idea

Yahoo group: harris-radio
Date: 2011-03-10 14:15:54 UTC
From: Lee Ciereszko
Topic: 737 Message: 738

That would be sweet to be able to "spin" through frequencies on the 138. I have thought of doing it with a PIC, rotary encoder, and a display. If one wanted to get fancy, a 4 line display could display most of the settings. Since I have never worked with PICs this might take awhile.

Lee N4TCW

Sent from my iPhone

On Mar 10, 2011, at 1:35 AM, "r390b" <nu4g.radio@...m> wrote:

> I hate to use a dumb terminal to remotely control my radios, and the 20 year old DOS machine that runs FalComm is on its last legs.
>
> Is there something out there, regardless of OS, that is an improvement over FalComm for 5000 series remote control and net/memory loading?
>
> If not, would anyone be interested should I find help in writing a GUI interface that would run on Linux or OSX? A handheld Arduino-based controller with a real knob? Given the simple text-based command structure of the Falcon series, it might be easy to do -- other folks have built interfaces from the ground up for more obscure radios like the RU-20, etc.
>
> Also --
>
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>
> (Anyone? Bueller? Beuller?)
>
> 73
>
> Tom NU4G
>
> I'm about 2/3 of a year behind in repairs for several folks due to health issues that have affected my vision. I apologize, please bear with me. I've not forgotten.
>
>
>
> ---

>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>

739. Re: [harris-radio] Modern Alternative to FalComm for remote control? + PRC-138 idea

Yahoo group: harris-radio
Date: 2011-03-10 15:49:47 UTC
From: Terry
Topic: 737 Message: 739

Not sure what you mean about not wanting to use a dumb terminal. That is what FalComm is. I use Hyperterminal which come with Windows. works fine.

Terry
AB8AL

--- On Thu, 3/10/11, Lee Ciereszko <n4tcw@yahoo.com> wrote:

From: Lee Ciereszko <n4tcw@...>
Subject: Re: [harris-radio] Modern Alternative to FalComm for remote control? + PRC-138 idea
To: "harris-radio@yahoogroups.com" <harris-radio@yahoogroups.com>
Date: Thursday, March 10, 2011, 6:15 PM

That would be sweet to be able to "spin" through frequencies on the 138. I have thought of doing it with a PIC, rotary encoder, and a display. If one wanted to get fancy, a 4 line display could display most of the settings. Since I have never worked with PICs this might take awhile.

Lee N4TCW

Sent from my iPhone

On Mar 10, 2011, at 1:35 AM, "r390b" <nu4g.radio@...> wrote:

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>
> Is there something out there, regardless of OS, that is an improvement over FalComm for 5000 series remote control and net/memory loading?
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> If not, would anyone be interested should I find help in writing a GUI interface that would run on Linux or OSX? A handheld Arduino-based controller with a real knob? Given the simple text-based command structure of the Falcon series, it might be easy to do -- other folks have built interfaces from the ground up for more obscure radios like the RU-20, etc.
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hear many complaints on the other assorted radio lists from folks that have PRC-138's.)
>
> (Anyone? Bueller? Beuller?)
>
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> Tom NU4G
>
> I'm about 2/3 of a year behind in repairs for several folks due to health issues that have affected my vision. I apologize, please bear with me. I've not forgotten.
>
>
>
> ---
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

740. Hughes HC/PAL-100 HF 100Watt Solid state amplifier.

Yahoo group: harris-radio
Date: 2011-03-11 17:39:46 UTC
From: t
Topic: 740 Message: 740

Looking for information for the listed equipment. A copy of the manual or source to one would be greatly appreciated.

741. Wanted Harris RF-50xx power amp manual and RF-5020 ramblings

Yahoo group: harris-radio
Date: 2011-03-18 19:55:45 UTC
From: Billy Wiggins
Topic: 741 Message: 741

Does anybody have a schematic or manual for any of the power amps such as the RF-5030, RF-5031, RF-5032 or RF-5034 used with the RF-5020 exciter-receiver?

I am curious as to what type of front end protection is used in the amp to protect the RF-5020 front end from damage.

I was trying to sell my RF-5020 on the epay place, but I believe it would be a huge mistake and decided to pursue interfacing a HF packer SDR PA-100 amp as a driver for a larger power amp.

The HF packer SDR PA-100 amp looks like an excellent intermediate stage to use with the Harris RF-5020. It is RF keyed and requires 100mw drive with around 5 watts out over the 1.8 to 30 MHz band. It could be used to drive a larger amp to obtain the desired output.

It won't have ALC control or interface directly to the RF-5020, but I feel it's better than nothing and probably easier than hacking a RF-230 for the PA section.

My concern is I would like to implement some kind of front end protection for the RF-5020, thus the request to see what Harris does to protect the front end.

742. Re: [harris-radio] Wanted Harris RF-50xx power amp manual and RF-5020 ramblings

Yahoo group: harris-radio
Date: 2011-03-19 14:44:45 UTC
From: Steve Sykes
Topic: 741 Message: 742

The 5031 Amplifier uses a generic rf detector circuit with a relay to open the antenna circuit in the event of receive overload. You could use the same type that mast mounted preamps use. The rx protection board also has a highpass filter starting a 1.6 MHz to prevent broadcast band interference.
The 5020 remote control will allow you to enter TXGain values to adjust the output of the R/T to prevent overdriving the amplifier.

Steve KD2OM/NNN0HSB

On 03/18/2011 03:55 PM, Billy Wiggins wrote:
>
> Does anybody have a schematic or manual for any of the power amps
> such as the RF-5030, RF-5031, RF-5032 or RF-5034 used with the
> RF-5020 exciter-receiver?
>
> I am curious as to what type of front end protection is used in the
> amp to protect the RF-5020 front end from damage.
>
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> would be a huge mistake and decided to pursue interfacing a HF packer
> SDR PA-100 amp as a driver for a larger power amp.
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> stage to use with the Harris RF-5020. It is RF keyed and requires
> 100mw drive with around 5 watts out over the 1.8 to 30 MHz band. It
> could be used to drive a larger amp to obtain the desired output.
>
> It won't have ALC control or interface directly to the RF-5020, but I
> feel it's better than nothing and probably easier than hacking a
> RF-230 for the PA section.
>
> My concern is I would like to implement some kind of front end
> protection for the RF-5020, thus the request to see what Harris does
> to protect the front end.
>
>

[Non-text portions of this message have been removed]

743. Re: [harris-radio] Wanted Harris RF-50xx power amp manual and RF-5020 ramblings

Yahoo group: harris-radio
Date: 2011-03-19 19:06:06 UTC
From: Terry
Topic: 741 Message: 743

Steve,

Do you have the specs on cutoff limit and any special relay requirement for switching time? I am thinking the front end design used in the RF 590 should work.

Terry

--- On Sat, 3/19/11, Steve Sykes <steve@...> wrote:

From: Steve Sykes <steve@...>
Subject: Re: [harris-radio] Wanted Harris RF-50xx power amp manual and RF-5020 ramblings
To: harris-radio@yahoogroups.com
Date: Saturday, March 19, 2011, 6:44 PM

The 5031 Amplifier uses a generic rf detector circuit with a relay to
open the antenna circuit in the event of receive overload. You could use
the same type that mast mounted preamps use. The rx protection board
also has a highpass filter starting a 1.6 MHz to prevent broadcast band
interference.
The 5020 remote control will allow you to enter TXGain values to adjust
the output of the R/T to prevent overdriving the amplifier.

Steve KD2OM/NNN0HSB

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>
> Does anybody have a schematic or manual for any of the power amps
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> RF-5020 exciter-receiver?
>
> I am curious as to what type of front end protection is used in the
> amp to protect the RF-5020 front end from damage.
>
> I was trying to sell my RF-5020 on the epay place, but I believe it
> would be a huge mistake and decided to pursue interfacing a HF packer
> SDR PA-100 amp as a driver for a larger power amp.
>
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> 100mw drive with around 5 watts out over the 1.8 to 30 MHz band. It
> could be used to drive a larger amp to obtain the desired output.
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> It won't have ALC control or interface directly to the RF-5020, but I
> feel it's better than nothing and probably easier than hacking a
> RF-230 for the PA section.

>
> My concern is I would like to implement some kind of front end
> protection for the RF-5020, thus the request to see what Harris does
> to protect the front end.
>
>

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[Non-text portions of this message have been removed]

744. WTB: Harris speaker and A23 audio assy for RF590 or RF590A

Yahoo group: harris-radio
Date: 2011-03-28 00:54:48 UTC
From: Berndt Josef Wulf
Topic: 744 Message: 744

G'day,

I'm looking for a RF590(A) speaker, part number 10073-2081, and audio amplifier assembly, part number 10073-5800. Please contact me should you have one for sale.

73, Berndt
VK5ABN

745. Harris Falcon 1, RF5000 Series

Yahoo group: harris-radio
Date: 2011-04-01 13:13:06 UTC
From: Philip
Topic: 745 Message: 745

I was corresponding last year with someone who had one of these for sale, and it was a complete system; I couldn't raise the money via sale of gear and the deal was not completed.

In the meantime, I purchased a Flex 5000a which frankly leaves me a little cold. I lost all my HF gear in mid August 2010 due to a massive lightning strike to my house, as well as a bunch of household items. I had an SDR (PowerSDR-IF) controlled TS940S/computer. Notice the past tense.

I am considering selling the Flex and going with a Harris if one can be located, but I have some questions:

1. Exactly which model is most "ham friendly"?
2. How easy is it to change frequencies? Or is the system most suited to netting on a particular frequency?
3. If they break, how easy is it to obtain repairs?

I would be interested in a complete setup, with amplifier,120/24V power supply (and a 12/24V DC converter would be nice too) if the asking price is acceptable.

Your learned advice/opinions would be greatly appreciated as well.

Thanks.

Philip Neidlinger
KA4KOE

http:/www.neidlinger.us/greenies.pdf

746. Re: Harris Falcon 1, RF5000 Series

Yahoo group: harris-radio
Date: 2011-04-01 14:20:31 UTC
From: t
Topic: 745 Message: 746

I have the RF 5022 (R/T) and it works fine for fixed frequency operations. The 5000's have a simple ascii protocal so can be controlled via Hyperterminal. Changing frequency is as simple
as typing FR 03500100 <enter>. So if your ham operation consists
of nets or parking on a frequency and calling CQ you will be
OK with the radio. If you like tunning the band for DX your
not going to be happy with any of the 5000's. As for Repairs I
have not even had luck finding a service manual or schematics.

Mine was purchased solely for a mobile MARS hardware ALE operation and it works great in that capacity.

Another point of interest, I have been told the 5020 tx/rx change over time is fast enough to work Pactor but the 5022 is not. I have not personally tested this. I have had no issue with using the 5022 with Winmor so that is my hf email solution when mobile.

If your looking for a base station I would go with the RF 3200 or RF 350K with serial board. The 3200 gives you a dial so very "ham" friendly. The RF 350k is discreate components rather then surface mount an all manuals are available on the internet. It is controllable via computer similiar to the 5000's using custom software also available on the internet. The RF 350k works great with Pactor. I don't have the RF 3200 so not sure if it does.

Terry
AB8AL

747. Re: [harris-radio] Harris Falcon 1, RF5000 Series

Yahoo group: harris-radio
Date: 2011-04-01 15:43:02 UTC
From: Doug Smith [W7KF]
Topic: 745 Message: 747

RE: "ham friendly"

Some years ago my Field Day compatriot and I decided to do "Green Radio" Field Day. The rigs were Falcon 5020 or 5022 series with 400 watt amps (if memory serves).

On SSB they worked pretty well but on CW the turn-around time from TX to RX was *way* too slow to be effective. Some of the linked data modes were also a problem due to the turn-around time.

The next year I used a Harris RF-350K 500 watt system for CW and that was better. There is an internal adjustment for T/R turn around time and it can be setup to be decent semi-QSK. The filters in the RF-350K were also nicer for CW ops.

Last year we said to hell with all that and used an Omni-VII for CW and an Icom 7700 for SSB. Same ops. Score more than doubled! ;-)

73,
Doug, W7KF
http://www.w7kf.com

748. Re: Harris Falcon 1, RF5000 Series

Yahoo group: harris-radio
Date: 2011-04-01 18:00:39 UTC
From: Mike
Topic: 745 Message: 748

The RF-5020 R/T is the most ham friendly of the bunch as you can access RF gain, fine SQ settings, TX voice clipping and compression, infinite frequency scroll tuning and other features from the front panel where you would need a computer interface on the RF-5022.

The 5020 also has a bit louder speaker audio than the 5022 and the 5022 non (E) version has an annoying digital audio grunge riding in the background on SSB voice transmit. The actual receiver and TX exciter board seems to be identical on all models so I don't believe there is any difference in RF performance between models.

There are far more 100mw R/Ts around than amps and the 125w amp is most common and available from the UK. The 400w amps are scarce and very pricey. I only know of two 20w amp/couplers and even the factory commented they didn't sell very many of those.

Matching power supplies are out there and price is all over the map. A commercial 12A 28v linear supply works fine.

Then you'll want the RF-382 coupler and factory interconnect cables, then a shock mount, and a remote kit for the display, then the 12 to 24v converter for the car. Prepare to devote considerable time to your new endeavor.
Mike

If you get a good one they are very reliable. There are some spare boards floating around but not as many as 10yrs ago.

--- In harris-radio@...m, "Philip" <kmg5443@...> wrote:
>
> I was corresponding last year with someone who had one of these for sale, and it was a complete system; I couldn't raise the money via sale of gear and the deal was not completed.
>
> In the meantime, I purchased a Flex 5000a which frankly leaves me a little cold. I lost all my HF gear in mid August 2010 due to a massive lightning strike to my house, as well as a bunch of household items. I had an SDR (PowerSDR-IF) controlled TS940S/computer. Notice the past tense.
>
> I am considering selling the Flex and going with a Harris if one can be located, but I have some questions:
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> I would be interested in a complete setup, with amplifier,120/24V power supply (and a 12/24V DC converter would be nice too) if the asking price is acceptable.
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> Your learned advice/opinions would be greatly appreciated as well.
>
> Thanks.
>
> Philip Neidlinger
> KA4KOE
>
> http:/www.neidlinger.us/greenies.pdf
>

749. Re: [harris-radio] Re: Harris Falcon 1, RF5000 Series

Yahoo group: harris-radio
Date: 2011-04-01 20:22:38 UTC
From: federico@dottorbaldi.it
Topic: 745 Message: 749

Hi in the link below you can find the photos of my RF-5020 with
PA/AATU RF-5030

http://www.dottorbaldi.it/militaryradio/MILITARY%20RADIOS/HARRIS%20EQUIPMENTS/RF-5020%20&%20RF-5030/1.jpg

http://www.dottorbaldi.it/militaryradio/MILITARY%20RADIOS/HARRIS%20EQUIPMENTS/RF-5020%20&%20RF-5030/2.jpg

http://www.dottorbaldi.it/militaryradio/MILITARY%20RADIOS/HARRIS%20EQUIPMENTS/RF-5020%20&%20RF-5030/4.jpg

http://www.dottorbaldi.it/militaryradio/MILITARY%20RADIOS/HARRIS%20EQUIPMENTS/

73 de Federico IZ1FID

Citando Mike <prcradio@...>:

> The RF-5020 R/T is the most ham friendly of the bunch as you can
> access RF gain, fine SQ settings, TX voice clipping and
compression,
> infinite frequency scroll tuning and other features from the
front
> panel where you would need a computer interface on the RF-5022.
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> The 5020 also has a bit louder speaker audio than the 5022 and
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> 5022 non (E) version has an annoying digital audio grunge riding
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> the background on SSB voice transmit. The actual receiver and TX
> exciter board seems to be identical on all models so I don't
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> there is any difference in RF performance between models.
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> most common and available from the UK. The 400w amps are scarce
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> factory commented they didn't sell very many of those.
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> Matching power supplies are out there and price is all over the
map.
> A commercial 12A 28v linear supply works fine.
>
> Then you'll want the RF-382 coupler and factory interconnect
cables,

> then a shock mount, and a remote kit for the display, then the 12
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> 24v converter for the car. Prepare to devote considerable time to

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> Mike
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> If you get a good one they are very reliable. There are some
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> --- In harris-radio@yahoogroups.com, "Philip" <kmg5443@...> wrote:
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>> In the meantime, I purchased a Flex 5000a which frankly leaves me
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>> massive lightning strike to my house, as well as a bunch of
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>> TS940S/computer. Notice the past tense.
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>> I would be interested in a complete setup, with
amplifier,120/24V
>> power supply (and a 12/24V DC converter would be nice too) if
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>> asking price is acceptable.
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>> Your learned advice/opinions would be greatly appreciated as well.
>>
>> Thanks.
>>
>> Philip Neidlinger
>> KA4KOE
>>
>> http:/www.neidlinger.us/greenies.pdf
>>
>

>
>

750. Re: [harris-radio] Re: Harris Falcon 1, RF5000 Series

Yahoo group: harris-radio
Date: 2011-04-01 21:29:08 UTC
From: casy_ch@tbwil.ch
Topic: 745 Message: 750

Hi Federico

Is there a bug in the adress as <www.dottorbaldi.it> does not open ?

Jean-Claude
----- Original Message -----
From: federico@...
To: harris-radio@yahoogroups.com ; Mike
Sent: Friday, April 01, 2011 10:22 PM
Subject: Re: [harris-radio] Re: Harris Falcon 1, RF5000 Series

Hi in the link below you can find the photos of my RF-5020 with
PA/AATU RF-5030

http://www.dottorbaldi.it/militaryradio/MILITARY%20RADIOS/HARRIS%20EQUIPMENTS/RF-5020%20&%
20RF-5030/1.jpg

http://www.dottorbaldi.it/militaryradio/MILITARY%20RADIOS/HARRIS%20EQUIPMENTS/RF-5020%20&%
20RF-5030/2.jpg

http://www.dottorbaldi.it/militaryradio/MILITARY%20RADIOS/HARRIS%20EQUIPMENTS/RF-5020%20&%
20RF-5030/4.jpg

http://www.dottorbaldi.it/militaryradio/MILITARY%20RADIOS/HARRIS%20EQUIPMENTS/

73 de Federico IZ1FID

Citando Mike <prcradio@...>:

> The RF-5020 R/T is the most ham friendly of the bunch as you can
> access RF gain, fine SQ settings, TX voice clipping and
compression,
> infinite frequency scroll tuning and other features from the
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> panel where you would need a computer interface on the RF-5022.
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> The 5020 also has a bit louder speaker audio than the 5022 and
the
> 5022 non (E) version has an annoying digital audio grunge riding
in
> the background on SSB voice transmit. The actual receiver and TX
> exciter board seems to be identical on all models so I don't
believe
> there is any difference in RF performance between models.
>
> There are far more 100mw R/Ts around than amps and the 125w amp
is

> most common and available from the UK. The 400w amps are scarce
and
> very pricey. I only know of two 20w amp/couplers and even the
> factory commented they didn't sell very many of those.
>
> Matching power supplies are out there and price is all over the
map.
> A commercial 12A 28v linear supply works fine.
>
> Then you'll want the RF-382 coupler and factory interconnect
cables,
> then a shock mount, and a remote kit for the display, then the 12
to
> 24v converter for the car. Prepare to devote considerable time to

> your new endeavor.
> Mike
>
> If you get a good one they are very reliable. There are some
spare
> boards floating around but not as many as 10yrs ago.
>
> --- In harris-radio@yahoogroups.com, "Philip" <kmg5443@...> wrote:
>>
>> I was corresponding last year with someone who had one of these
for
>> sale, and it was a complete system; I couldn't raise the money
via
>> sale of gear and the deal was not completed.
>>
>> In the meantime, I purchased a Flex 5000a which frankly leaves me
a
>> little cold. I lost all my HF gear in mid August 2010 due to a
>> massive lightning strike to my house, as well as a bunch of
>> household items. I had an SDR (PowerSDR-IF) controlled
>> TS940S/computer. Notice the past tense.
>>
>> I am considering selling the Flex and going with a Harris if one

>> can be located, but I have some questions:
>>
>> 1. Exactly which model is most "ham friendly"?
>> 2. How easy is it to change frequencies? Or is the system most
>> suited to netting on a particular frequency?
>> 3. If they break, how easy is it to obtain repairs?
>>
>> I would be interested in a complete setup, with
amplifier,120/24V
>> power supply (and a 12/24V DC converter would be nice too) if
the
>> asking price is acceptable.

>>
>> Your learned advice/opinions would be greatly appreciated as well.
>>
>> Thanks.
>>
>> Philip Neidlinger
>> KA4KOE
>>
>> http:/www.neidlinger.us/greenies.pdf
>>
>
>
>

[Non-text portions of this message have been removed]

751. Harris RF-5022R/T interface to RF-1110D PA

Yahoo group: harris-radio
Date: 2011-04-02 14:19:27 UTC
From: Nur
Topic: 751 Message: 751

Hello All,
This is my first posting to this group. I want to interface RF-5022R/T to a RF-1110D power amplifier. My RF-1110D manual has a figure showing that it can be done. I attached the copy of the page from the RF-1110D manual. Does anyone have information about the interface and commands sent and received from the RF-5022 connector J6 and PA J2 connector. The exciter/PA connection must be for key line and selection of output filters of the PA and fault status.

I am also looking for the remote control ASCII codes and format for the RF-5022.
Thanks Nur

[Non-text portions of this message have been removed]

752. Re: Harris RF-5022R/T interface to RF-1110D PA

Yahoo group: harris-radio
Date: 2011-04-02 14:33:57 UTC
From: nur_serinken
Topic: 751 Message: 752

I uploaded manual page to the files directory showing the interface between RF-5022R/T and RF-1110D.

Nur
--- In harris-radio@yahoogroups.com, "Nur" <nserinken@...> wrote:
>
> Hello All,
> This is my first posting to this group. I want to interface RF-5022R/T to a RF-1110D power amplifier. My RF-1110D manual has a figure showing that it can be done. I attached the copy of the page from the RF-1110D manual. Does anyone have information about the interface and commands sent and received from the RF-5022 connector J6 and PA J2 connector. The exciter/PA connection must be for key line and selection of output filters of the PA and fault status.
>
> I am also looking for the remote control ASCII codes and format for the RF-5022.
> Thanks Nur
>
> [Non-text portions of this message have been removed]
>

753. Re: Harris RF-5022R/T interface to RF-1110D PA

Yahoo group: harris-radio
Date: 2011-04-02 14:34:58 UTC
From: Mike
Topic: 751 Message: 753

I believe all keying and filter selection in the RF-5022 is via serial bus, there are no key lines available without going inside the radio and finding one. So far I have not hear of anyone successfully interfacing to the serial bus for this purpose.
Mike

--- In harris-radio@yahoogroups.com, "Nur" <nserinken@...> wrote:
>
> Hello All,
> This is my first posting to this group. I want to interface RF-5022R/T to a RF-1110D power amplifier. My RF-1110D manual has a figure showing that it can be done. I attached the copy of the page from the RF-1110D manual. Does anyone have information about the interface and commands sent and received from the RF-5022 connector J6 and PA J2 connector. The exciter/PA connection must be for key line and selection of output filters of the PA and fault status.
>
> I am also looking for the remote control ASCII codes and format for the RF-5022.
> Thanks Nur
>
> [Non-text portions of this message have been removed]
>

754. Re: Harris RF-5022R/T interface to RF-1110D PA

Yahoo group: harris-radio
Date: 2011-04-02 14:45:30 UTC
From: 4z4rb
Topic: 751 Message: 754

--- In harris-radio@yahoogroups.com, "Nur" <nserinken@...> wrote:
>
> Hello All,
> This is my first posting to this group. I want to interface RF-5022R/T to a RF-1110D power amplifier. My RF-1110D manual has a figure showing that it can be done. I attached the copy of the page from the RF-1110D manual. Does anyone have information about the interface and commands sent and received from the RF-5022 connector J6 and PA J2 connector. The exciter/PA connection must be for key line and selection of output filters of the PA and fault status.
>
> I am also looking for the remote control ASCII codes and format for the RF-5022.
> Thanks Nur
>
> [Non-text portions of this message have been removed]
>it is the same interface that is used with the 125W amp
what is the problem?

755. Re: Harris RF-5022R/T interface to RF-1110D PA

Yahoo group: harris-radio
Date: 2011-04-02 16:17:22 UTC
From: nur_serinken
Topic: 751 Message: 755

RF-5022R/T exciter connects to the RF-5032 or RF-5034 PA through J6 serial bus connector on the exciter. I have posted a page from the RF-1110D manual showing the RF-5022 connection arrangement to the files directory. That is all the information I have. I contacted Harris and I was told they discontinued software support for this configuration. If I can find out the details of the interface I can spoof both of the devices. I am planning to put a serial protocol analyzer between the RF-5022 and RF-5034 PA, also do the same between RF-5570 exciter and RF-1110 to find out the communication codes.
Nur

--- In harris-radio@yahoogroups.com, "Mike" <prcradio@...> wrote:
>
> I believe all keying and filter selection in the RF-5022 is via serial bus, there are no key lines available without going inside the radio and finding one. So far I have not hear of anyone successfully interfacing to the serial bus for this purpose.
> Mike
>
> --- In harris-radio@...m, "Nur" <nserinken@> wrote:
> >
> > Hello All,
> > This is my first posting to this group. I want to interface RF-5022R/T to a RF-1110D power amplifier. My RF-1110D manual has a figure showing that it can be done. I attached the copy of the page from the RF-1110D manual. Does anyone have information about the interface and commands sent and received from the RF-5022 connector J6 and PA J2 connector. The exciter/PA connection must be for key line and selection of output filters of the PA and fault status.
> >
> > I am also looking for the remote control ASCII codes and format for the RF-5022.
> > Thanks Nur
> >
> > [Non-text portions of this message have been removed]
> >
>

756. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2011-04-02 17:50:47 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 756

```
Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /harris control program/5020.exe
Uploaded by : zilbershatz <4z4rb1@...>
Description : pc control of falcon

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/harris%20control%20program/5020.exe

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

zilbershatz <4z4rb1@...>
```

757. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2011-04-02 17:52:20 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 757

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /harris control program/5020 firmware revisions.xls
Uploaded by : zilbershatz <4z4rb1@...>
Description : firmware revisions

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/harris%20control%20program/5020%20firmwar
e%20revisions.xls

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

zilbershatz <4z4rb1@...>

758. RE: [harris-radio] Re: Harris RF-5022R/T interface to RF-1110D PA

Yahoo group: harris-radio
Date: 2011-04-02 21:49:44 UTC
From: W2HX
Topic: 751 Message: 758

This is a very interesting diagram. I do not have the 1110D, but I have the 110A. I wonder if the "D" in 1110D means digital? Any details of the cable between them (control line names)?

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of nur_serinken
Sent: Saturday, April 02, 2011 10:34 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Harris RF-5022R/T interface to RF-1110D PA

I uploaded manual page to the files directory showing the interface between RF-5022R/T and RF-1110D.

Nur
--- In harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
, "Nur" <nserinken@...> wrote:
>
> Hello All,
> This is my first posting to this group. I want to interface RF-5022R/T to a RF-1110D power amplifier. My RF-1110D manual has a figure showing that it can be done. I attached the copy of the page from the RF-1110D manual. Does anyone have information about the interface and commands sent and received from the RF-5022 connector J6 and PA J2 connector. The exciter/PA connection must be for key line and selection of output filters of the PA and fault status.
>
> I am also looking for the remote control ASCII codes and format for the RF-5022.
> Thanks Nur
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

759. FEDERICO BALDI IZ!FID

Yahoo group: harris-radio
Date: 2011-04-03 12:26:18 UTC
From: federico@dottorbaldi.it
Topic: 745 Message: 759

Hi Jean Claude you must type www.dottorbaldi.it/militaryradio

I can't read your message about the MA 2232R TUNING AID. 73 de Federico IZ1FID

Citando casy_ch@...:

> Hi Federico
>
> Is there a bug in the adress as <www.dottorbaldi.it> does not open ?
>
> Jean-Claude
> ----- Original Message -----
> From: federico@...
> To: harris-radio@...m ; Mike
> Sent: Friday, April 01, 2011 10:22 PM
> Subject: Re: [harris-radio] Re: Harris Falcon 1, RF5000 Series
>
>
>
> Hi in the link below you can find the photos of my RF-5020 with
> PA/AATU RF-5030
>
>
> http://www.dottorbaldi.it/militaryradio/MILITARY%20RADIOS/HARRIS%20EQUIPMENTS/RF-5020%20
&%20RF-5030/1.jpg
>
>
> http://www.dottorbaldi.it/militaryradio/MILITARY%20RADIOS/HARRIS%20EQUIPMENTS/RF-5020%20
&%20RF-5030/2.jpg
>
>
> http://www.dottorbaldi.it/militaryradio/MILITARY%20RADIOS/HARRIS%20EQUIPMENTS/RF-5020%20
&%20RF-5030/4.jpg
>
>
> http://www.dottorbaldi.it/militaryradio/MILITARY%20RADIOS/HARRIS%20EQUIPMENTS/
>
> 73 de Federico IZ1FID
>
> Citando Mike <prcradio@...>:
>
> > The RF-5020 R/T is the most ham friendly of the bunch as you can
> > access RF gain, fine SQ settings, TX voice clipping and
> compression,
> > infinite frequency scroll tuning and other features from the
> front

> > panel where you would need a computer interface on the RF-5022.
> >
> > The 5020 also has a bit louder speaker audio than the 5022 and
> the
> > 5022 non (E) version has an annoying digital audio grunge riding
> in
> > the background on SSB voice transmit. The actual receiver and TX
> > exciter board seems to be identical on all models so I don't
> believe
> > there is any difference in RF performance between models.
> >
> > There are far more 100mw R/Ts around than amps and the 125w amp
> is
> > most common and available from the UK. The 400w amps are scarce
> and
> > very pricey. I only know of two 20w amp/couplers and even the
> > factory commented they didn't sell very many of those.
> >
> > Matching power supplies are out there and price is all over the
> map.
> > A commercial 12A 28v linear supply works fine.
> >
> > Then you'll want the RF-382 coupler and factory interconnect
> cables,
> > then a shock mount, and a remote kit for the display, then the 12
> to
> > 24v converter for the car. Prepare to devote considerable time to
>
> > your new endeavor.
> > Mike
> >
> > If you get a good one they are very reliable. There are some
> spare
> > boards floating around but not as many as 10yrs ago.
> >
> > --- In harris-radio@yahoogroups.com, "Philip" <kmg5443@...> wrote:
> >>
> >> I was corresponding last year with someone who had one of these
> for
> >> sale, and it was a complete system; I couldn't raise the money
> via
> >> sale of gear and the deal was not completed.
> >>
> >> In the meantime, I purchased a Flex 5000a which frankly leaves me
> a
> >> little cold. I lost all my HF gear in mid August 2010 due to a
> >> massive lightning strike to my house, as well as a bunch of
> >> household items. I had an SDR (PowerSDR-IF) controlled
> >> TS940S/computer. Notice the past tense.
> >>

> >> I am considering selling the Flex and going with a Harris if one
>
> >> can be located, but I have some questions:
> >>
> >> 1. Exactly which model is most "ham friendly"?
> >> 2. How easy is it to change frequencies? Or is the system most
> >> suited to netting on a particular frequency?
> >> 3. If they break, how easy is it to obtain repairs?
> >>
> >> I would be interested in a complete setup, with
> amplifier,120/24V
> >> power supply (and a 12/24V DC converter would be nice too) if
> the
> >> asking price is acceptable.
> >>
> >> Your learned advice/opinions would be greatly appreciated as well.
> >>
> >> Thanks.
> >>
> >> Philip Neidlinger
> >> KA4KOE
> >>
> >> http:/www.neidlinger.us/greenies.pdf
> >>
> >
> >
> >
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>

760. Re: [harris-radio] FEDERICO BALDI IZ!FID

Yahoo group: harris-radio
Date: 2011-04-03 15:29:58 UTC
From: casy_ch@tbwil.ch
Topic: 745 Message: 760

Hi Federico

I do hope that this time you got my mail to the other adress with the MA-2232.

73 de Jean-Claude, HE9EZX

----- Original Message -----
From: federico@...
To: harris-radio@yahoogroups.com
Sent: Sunday, April 03, 2011 2:26 PM
Subject: [harris-radio] FEDERICO BALDI IZ!FID

Hi Jean Claude you must type www.dottorbaldi.it/militaryradio

I can't read your message about the MA 2232R TUNING AID. 73 de Federico IZ1FID

Citando casy_ch@...:

> Hi Federico
>
> Is there a bug in the adress as <www.dottorbaldi.it> does not open ?
>
> Jean-Claude
> ----- Original Message -----
> From: federico@...
> To: harris-radio@yahoogroups.com ; Mike
> Sent: Friday, April 01, 2011 10:22 PM
> Subject: Re: [harris-radio] Re: Harris Falcon 1, RF5000 Series
>
>
>
> Hi in the link below you can find the photos of my RF-5020 with
> PA/AATU RF-5030
>
>
> http://www.dottorbaldi.it/militaryradio/MILITARY%20RADIOS/HARRIS%20EQUIPMENTS/RF-5020%20
&%20RF-5030/1.jpg
>
>
> http://www.dottorbaldi.it/militaryradio/MILITARY%20RADIOS/HARRIS%20EQUIPMENTS/RF-5020%20
&%20RF-5030/2.jpg
>
>
> http://www.dottorbaldi.it/militaryradio/MILITARY%20RADIOS/HARRIS%20EQUIPMENTS/RF-5020%20
&%20RF-5030/4.jpg
>
>

> http://www.dottorbaldi.it/militaryradio/MILITARY%20RADIOS/HARRIS%20EQUIPMENTS/
>
> 73 de Federico IZ1FID
>
> Citando Mike <prcradio@...>:
>
> > The RF-5020 R/T is the most ham friendly of the bunch as you can
> > access RF gain, fine SQ settings, TX voice clipping and
> compression,
> > infinite frequency scroll tuning and other features from the
> front
> > panel where you would need a computer interface on the RF-5022.
> >
> > The 5020 also has a bit louder speaker audio than the 5022 and
> the
> > 5022 non (E) version has an annoying digital audio grunge riding
> in
> > the background on SSB voice transmit. The actual receiver and TX
> > exciter board seems to be identical on all models so I don't
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> > there is any difference in RF performance between models.
> >
> > There are far more 100mw R/Ts around than amps and the 125w amp
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> > most common and available from the UK. The 400w amps are scarce
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> > very pricey. I only know of two 20w amp/couplers and even the
> > factory commented they didn't sell very many of those.
> >
> > Matching power supplies are out there and price is all over the
> map.
> > A commercial 12A 28v linear supply works fine.
> >
> > Then you'll want the RF-382 coupler and factory interconnect
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> > then a shock mount, and a remote kit for the display, then the 12
> to
> > 24v converter for the car. Prepare to devote considerable time to
>
> > your new endeavor.
> > Mike
> >
> > If you get a good one they are very reliable. There are some
> spare
> > boards floating around but not as many as 10yrs ago.
> >
> > --- In harris-radio@yahoogroups.com, "Philip" <kmg5443@...> wrote:
> >>
> >> I was corresponding last year with someone who had one of these
> for

> >> sale, and it was a complete system; I couldn't raise the money
> via
> >> sale of gear and the deal was not completed.
> >>
> >> In the meantime, I purchased a Flex 5000a which frankly leaves me
> a
> >> little cold. I lost all my HF gear in mid August 2010 due to a
> >> massive lightning strike to my house, as well as a bunch of
> >> household items. I had an SDR (PowerSDR-IF) controlled
> >> TS940S/computer. Notice the past tense.
> >>
> >> I am considering selling the Flex and going with a Harris if one
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> >> can be located, but I have some questions:
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> >> suited to netting on a particular frequency?
> >> 3. If they break, how easy is it to obtain repairs?
> >>
> >> I would be interested in a complete setup, with
> amplifier,120/24V
> >> power supply (and a 12/24V DC converter would be nice too) if
> the
> >> asking price is acceptable.
> >>
> >> Your learned advice/opinions would be greatly appreciated as well.
> >>
> >> Thanks.
> >>
> >> Philip Neidlinger
> >> KA4KOE
> >>
> >> http:/www.neidlinger.us/greenies.pdf
> >>
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>
> [Non-text portions of this message have been removed]
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>

[Non-text portions of this message have been removed]

761. RF-5110 amp???

Yahoo group: harris-radio
Date: 2011-04-04 20:44:40 UTC
From: bwigg2002
Topic: 761 Message: 761

What is the difference between the RF-5110 amps and the RF-5031/32 amps?

I have seen a few of the RF-5110 amps for sale missing the LP filter assembly. I was wondering if they are usable with the RF-5020?

762. WTD: RF-505A Service manual or schematics

Yahoo group: harris-radio
Date: 2011-04-13 05:25:23 UTC
From: dlrn36
Topic: 762 Message: 762

Hi all,
I'm looking for a service manual or schematics for the RF-505A. I have one with a few faults. Looks like the mixer board has a
fault, the USB/AM filter or detector is deaf and the reference oscillator doesn't. And that looks to be just the beginning as it looks like someone has been inside the VHF oscillator so it's possible that's faulty too.

Haven't been able to locate a manual for the 505A, either electronic or paper. Can't browse logsa anymore to see if it may be there and it's not in this group's file area.

Anyone able to help?

Thanks
Greg
(Melbourne, Australia)

763. Harris RF-1194 T/R switch

Yahoo group: harris-radio
Date: 2011-04-19 12:02:57 UTC
From: nur_serinken
Topic: 763 Message: 763

Hi all,
I'm looking for a Harris RF-1194-03 T/R relay. Any suggestions for surplus suppliers or sources. I was told that Harris is not supplying this T/R switch any more.

Can anyone recommend 1 kilowatt transmit/receive switch that will not wear out from switching on data links?

Anyone able to help?

Thanks

764. Want List

Yahoo group: harris-radio
Date: 2011-04-23 00:31:06 UTC
From: Bruce
Topic: 763 Message: 764

Hello,

I have two RF-1400 radios that I am trying to check out.

Is anyone familiar with the RF-1400?

Does anyone have any crystals, or channel kits?

I need 2 of the following items:

RF-1404 Handset. This has an unusual 10 pin connector.
(Or any other handset or headset with the same connector).

I am also interested in any of the following:

RF-1402 Battery Case

RF-1403 AC Power Supply/Charger

RF-1408 Field Antenna Kit

RF-1409 Whip Antenna

RF-1410 Carrying Rack

RF-1417 Speaker/Squelch with DC-DC Converters

Or any other RF-1400 accessories

Thank you,

Bruce WA8TNC

765. About RF-3200 "F" funtion

Yahoo group: harris-radio
Date: 2011-04-26 13:09:06 UTC
From: hl2wm
Topic: 765 Message: 765

Two weks ago I bought RF-3200 via e-bay
It's from china.But it's can't transmit on "F"function May be programed factory.
How can i solve it
Help me

766. Re: [harris-radio] About RF-3200 "F" funtion

Yahoo group: harris-radio
Date: 2011-04-26 13:15:14 UTC
From: highpwr
Topic: 765 Message: 766

Maybe it needs to be programmed in chinese...Hi Hi....did it come with the proigramming passwords?

Steve

From: hl2wm <ci2000@...>
To: harris-radio@yahoogroups.com
Sent: Tue, April 26, 2011 9:09:06 AM
Subject: [harris-radio] About RF-3200 "F" funtion

Two weks ago I bought RF-3200 via e-bay
It's from china.But it's can't transmit on "F"function May be programed factory.
How can i solve it
Help me

[Non-text portions of this message have been removed]

767. Re: [harris-radio] About RF-3200 "F" funtion

Yahoo group: harris-radio
Date: 2011-04-26 19:13:14 UTC
From: waldrgrmllr@frontiernet.net
Topic: 765 Message: 767

HELLO H12WM;
USUASLLY THE FULL "F" GROUP OS TURNED ON IN THE "CONFG" PGM MODE ACCESSABLE BY THE LEVEL 2 SECURITY PASSWORD
HOWEVER

IF THIS A CHIA RADIO AND WITH A 4000 S.N ON THE LABEL THEN YOU WILL DEFINITLY NEED TO CONTACT SOMEONE IN CHINA THAT SOLD OR SERVICED THEM FOR PASSWORDS AND ELECTRONIC S.N AND THE FIRMWARE THAT IS PROGRAMMED INTO THE RADIO,

HARRIS BUILT 3200E RADIOS FOR CHINA WITH THE 4000 SERIAL NUMBERS , AND IT TURNED OUT THAT THE FIRMWARE and electrionic s/n is not accessable like the USA UNITS, PROBABLY because THE FIRMWARE IS CHINA's.

I BELIEVE YOU COULD OPEN THE UNIT TO THE A7 LOGIC BD AND SEE WHAT IS WRITTEN ON THE U7 CHIP, AND COULD REPLACE IT WITH A USA VERSION -127A,B,C.
THE DALLAS SRAM U6 PROBABLY NEEDS REPLACEING AS ITS LIFE IS 10 YEARS OF POWER OFF TIME .
THE FIRST TWO LEFT HAND DIGITS OF THE MFG DATE CODE IS THE YEAR.

REGARDS
ROGER
waldrgrmllr@...
k4alphapapa
3200,3230,2000

----- Original Message -----
From: "hl2wm" <ci2000@...>
To: harris-radio@yahoogroups.com
Sent: Tuesday, April 26, 2011 9:09:06 AM
Subject: [harris-radio] About RF-3200 "F" funtion

Two weks ago I bought RF-3200 via e-bay
It's from china.But it's can't transmit on "F"function May be programed factory.
How can i solve it
Help me

768. RF-601 antenna coupler cable

Yahoo group: harris-radio
Date: 2011-04-28 04:04:45 UTC
From: arclight_arclight
Topic: 768 Message: 768

All: I'm trying to find out the construction of the multi-conductor cable that goes between the RF-601 antenna coupler and its associated control head. It's got what appears to be 33 active conductors. Harris says this has to be 18 AWG.

I wonder several things:

a. How many of those conductors are shielded, and in what kinds of grouping?

b. If I'm only going about 35 feet, do I really need the 18 AWG on all the conductors?

All replies will be welcome. Thanks for the help.

Dave WB4FUR/AFA3WZ

769. Re: [harris-radio] RF-601 antenna coupler cable

Yahoo group: harris-radio
Date: 2011-04-28 04:53:59 UTC
From: Doug [W7KF]
Topic: 768 Message: 769

The manual has a fairly complete spec for the cable as to shielding and wire order. But, you can ignore that.

I ran an RF-601 for a long time here. It was feeding a 26 foot vertical with 120 radials. The control cable had a single foil shield and the conductors were 22 AWG. Except for the lines that had power for running the motors -- they were 12 AWG as I recall but that's only because there happened to be four 12 AWG wires in my cable. I would not hesitate to run smaller gauge wire if that's all I had. Maybe double up the motor lines if you have a few extra conductors in your cable. My cable was 125 feet long. Well, it still is -- but I replaced the RF-601 about a year ago..

73,
Doug, W7KF
http://www.w7kf.com

On 4/27/2011 10:04 PM, arclight_arclight wrote:
>
> All: I'm trying to find out the construction of the multi-conductor
> cable that goes between the RF-601 antenna coupler and its associated
> control head. It's got what appears to be 33 active conductors. Harris
> says this has to be 18 AWG.
>
> I wonder several things:
>
> a. How many of those conductors are shielded, and in what kinds of
> grouping?
>
> b. If I'm only going about 35 feet, do I really need the 18 AWG on all
> the conductors?
>
> All replies will be welcome. Thanks for the help.
>
> Dave WB4FUR/AFA3WZ
>

[Non-text portions of this message have been removed]

770. Falcon set for sale.

Yahoo group: harris-radio
Date: 2011-04-29 04:51:23 UTC
From: Joe Munson
Topic: 770 Message: 770

Hi Steve,

I sent you the name of one of the members of our Military Collectors Group that wanted to purchase the set you spoke of. He never heard from you nor did I. I need your mail address to send you some mone from a while ago.

Hope to hear from you soon Steve. If you could, please send Jim the status of his request ot purchase the set. He is biting at the bit to acquire it.

Thanks Steve,

Joe Munson
WA4VAG
513-919-1210

[Non-text portions of this message have been removed]

771. Re: [harris-radio] Falcon set for sale.

Yahoo group: harris-radio
Date: 2011-04-29 11:56:31 UTC
From: S C Marrow
Topic: 770 Message: 771

Joe,
Not sure what your refering to; don't recall mentioning that I was selling any harris gear & didn't rx any emails from anyone regarding a possible sale. Highpwr@... is my email.

394 East Dr
Oak Ridge, TN 37830

Steve
KM4V
----- Original Message -----
From: Joe Munson
To: harris-radio@yahoogroups.com
Sent: Friday, April 29, 2011 12:51 AM
Subject: [harris-radio] Falcon set for sale.

Hi Steve,

I sent you the name of one of the members of our Military Collectors Group that wanted to purchase the set you spoke of. He never heard from you nor did I. I need your mail address to send you some mone from a while ago.

Hope to hear from you soon Steve. If you could, please send Jim the status of his request ot purchase the set. He is biting at the bit to acquire it.

Thanks Steve,

Joe Munson
WA4VAG
513-919-1210

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

772. Re: [harris-radio] Falcon set for sale.

Yahoo group: harris-radio
Date: 2011-04-29 12:32:25 UTC
From: W2HX
Topic: 770 Message: 772

Check this guy

"U.S. Communications" <uscomm.brea@gmail.com>

He had sent a note to the group about a month ago with a set for sale
(No connection to seller, just passing on the info)
On Fri, 29 Apr 2011 07:56:31 -0400, harris-radio@yahoogroups.com wrote:
>
>
> Joe,
> Not sure what your refering to; don't recall mentioning that I was selling any harris gear & didn't rx any emails from anyone regarding a possible sale. Highpwr@bellsouth.net<mailto:Highpwr%40bellsouth.net> is my email.
>
> 394 East Dr
> Oak Ridge, TN 37830
>
> Steve
> KM4V
> ----- Original Message -----
> From: Joe Munson
> To: harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>
> Sent: Friday, April 29, 2011 12:51 AM
> Subject: [harris-radio] Falcon set for sale.
>
> Hi Steve,
>
> I sent you the name of one of the members of our Military Collectors Group that wanted to purchase the set you spoke of. He never heard from you nor did I. I need your mail address to send you some mone from a while ago.
>
> Hope to hear from you soon Steve. If you could, please send Jim the status of his request ot purchase the set. He is biting at the bit to acquire it.
>
> Thanks Steve,
>
> Joe Munson
> WA4VAG
> 513-919-1210
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

>

773. Re: [harris-radio] Falcon set for sale.

Yahoo group: harris-radio
Date: 2011-04-29 15:50:39 UTC
From: Joe Munson
Topic: 770 Message: 773

Steve, KM4V, Sorry about the post to Harris Radio.....Brain Cramp on hitting the Send Button. Wrong Group, Wrong Person.

Joe

[Non-text portions of this message have been removed]

774. Re: [harris-radio] Falcon set for sale.

Yahoo group: harris-radio
Date: 2011-04-29 15:48:32 UTC
From: Joe Munson
Topic: 770 Message: 774

Hi Steve,

Sorry, Sent to wrong Steve....

Joe

[Non-text portions of this message have been removed]

775. Re: RF-601 antenna coupler cable

Yahoo group: harris-radio
Date: 2011-04-29 21:19:13 UTC
From: arclight_arclight
Topic: 768 Message: 775

--- In harris-radio@yahoogroups.com, "Doug [W7KF]" <doug@...> wrote:
>
> The manual has a fairly complete spec for the cable as to shielding and
> wire order. But, you can ignore that.

Doug: Thanks very much for the answer, and the advice. That's certainly a reassuring recommendation, but I'm curious about one thing. In the RF-601A manual, I can see Section 2.5 (Cable Assemblies) which describes the required connectors, and that section tells what pin is used for what; however, there's no description that I can find in my copy of the manual that describes shielding, or assigns wire colors to pins.

I can make a good guess by studying the schematic and the pin designations, but if you or someone else actually has something that describes the cable itself, that would be wonderful.

Thanks,
Dave WB4FUR

776. RE: [harris-radio] Re: RF-601 antenna coupler cable

Yahoo group: harris-radio
Date: 2011-05-02 01:16:15 UTC
From: W2HX
Topic: 768 Message: 776

I reviewed both the RF-601A manual (0902-0009C) as well as the AN/URA-38 manual. Neither indicates any shielding whatsoever of wires in the 33 active lines.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of arclight_arclight
Sent: Friday, April 29, 2011 5:19 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-601 antenna coupler cable

--- In harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
, "Doug [W7KF]" <doug@...> wrote:
>
> The manual has a fairly complete spec for the cable as to shielding and
> wire order. But, you can ignore that.

Doug: Thanks very much for the answer, and the advice. That's certainly a reassuring recommendation, but I'm curious about one thing. In the RF-601A manual, I can see Section 2.5 (Cable Assemblies) which describes the required connectors, and that section tells what pin is used for what; however, there's no description that I can find in my copy of the manual that describes shielding, or assigns wire colors to pins.

I can make a good guess by studying the schematic and the pin designations, but if you or someone else actually has something that describes the cable itself, that would be wonderful.

Thanks,
Dave WB4FUR

[Non-text portions of this message have been removed]

777. WTB: rf-382a

Yahoo group: harris-radio
Date: 2011-05-07 00:48:51 UTC
From: W2HX
Topic: 777 Message: 777

Looking to acquire this coupler for use with a 125W rf-5000 system. Looking for coupler and if available, control cable.

I have already reached out to m+b radio in uk, but it seems they only sell thru ebay now, not direct. I would like to avoid the ebay hassle and buy one directly.

Contact me if you have one or a lead to find one
Thanks!
--
73 Eugene W2HX

778. RF-382 (A or non-A) that is the question

Yahoo group: harris-radio
Date: 2011-05-08 03:06:56 UTC
From: W2HX
Topic: 778 Message: 778

Hi all,

So I have a several folks who have offered to sell me this coupler (good news). Just a question to those owners of this tuner as I want to make %100 sure I get the right thing for my RF-5000 (5020)-125W set up.

In my RF-5000 operating manual (pg. 2-39), there is the following text:

CAUTION: Only the RF-382A-02 or RF-5000 series antenna couplers should be used with the RF-5000 system power amplifiers. Do NOT use the RF-382-01 Antenna Coupler. (notice the lack of "A" in the designation)

Please take a look at the ID plate of one of the units I am considering to purchase. I cannot decide if this unit is an RF-382 (non-A) with option "A-15" or if this is an RF-382A with option -15.

http://www.w2hx.com/x/RF-382/RF-382%20002.jpg

I want to make sure that I conform to the requirement in the manual and not use the radio with a "non-A" 382 as it prohibits. Any of you folks out there with this coupler can tell me definitively that this is in fact, an RF-382A?

Also, just a triple confirmation, the A-15 adds the coax port (labeled 50 ohm port). Is this port tuned by the tuner, or is this just a bypass port to connect a 50 ohm (only) antenna to the power amp (bypassing the tuner)?

TIA!

73 Eugene W2HX

[Non-text portions of this message have been removed]

779. Re: RF-382 (A or non-A) that is the question

Yahoo group: harris-radio
Date: 2011-05-08 03:29:50 UTC
From: JC
Topic: 778 Message: 779

Hi
The 50 ohms output of the RF382 is for coax line to antenna, and it does perform the tuning.
JC
VE7JCD

780. Re: RF-382 (A or non-A) that is the question

Yahoo group: harris-radio
Date: 2011-05-08 16:57:21 UTC
From: Steve
Topic: 778 Message: 780

Eugene,
The coupler shown in the photo is the correct one for the RF-5000. From the serial number, I can tell it is a later model which should have all the factory mods installed.

Steve KD2OM

--- In harris-radio@yahoogroups.com, "W2HX" <w2hx@...> wrote:
>
> Hi all,
>
>
>
> So I have a several folks who have offered to sell me this coupler (good
> news). Just a question to those owners of this tuner as I want to make %100
> sure I get the right thing for my RF-5000 (5020)-125W set up.
>
> In my RF-5000 operating manual (pg. 2-39), there is the following text:
>
>
>
> CAUTION: Only the RF-382A-02 or RF-5000 series antenna couplers should be
> used with the RF-5000 system power amplifiers. Do NOT use the RF-382-01
> Antenna Coupler. (notice the lack of "A" in the designation)
>
>
>
> Please take a look at the ID plate of one of the units I am considering to
> purchase. I cannot decide if this unit is an RF-382 (non-A) with option
> "A-15" or if this is an RF-382A with option -15.
>
> http://www.w2hx.com/x/RF-382/RF-382%20002.jpg
>
>
>
> I want to make sure that I conform to the requirement in the manual and not
> use the radio with a "non-A" 382 as it prohibits. Any of you folks out
> there with this coupler can tell me definitively that this is in fact, an
> RF-382A?
>
>
>
> Also, just a triple confirmation, the A-15 adds the coax port (labeled 50
> ohm port). Is this port tuned by the tuner, or is this just a bypass port to
> connect a 50 ohm (only) antenna to the power amp (bypassing the tuner)?
>

>
>
> TIA!
>
> 73 Eugene W2HX
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

781. RF-350K Relays (Like Aromat)

Yahoo group: harris-radio
Date: 2011-05-10 19:39:00 UTC
From: Ronald
Topic: 781 Message: 781

Replacement relays for the RF-350K and the RT-1446 are on e-bay at 5 for $10. Sale # 140547283166

782. RT-138 Carry Bag

Yahoo group: harris-radio
Date: 2011-05-17 09:52:15 UTC
From: Stuart
Topic: 782 Message: 782

Hi group

Does anyone have a detailed description/layout drawing to show what goes where in an RT-138 carry bag?

If you can help, it would be much appreciated, with so many packs/frames around, unless you trained on the kit, it's easy to mess up, and embarrass yourself!!

Many thanks

Cheers all

Stuart
G0TBI
QTHR

783. RT-138 carry Bag

Yahoo group: harris-radio
Date: 2011-05-17 09:54:42 UTC
From: Stuart
Topic: 783 Message: 783

Hi group

Does anyone have a detailed description/layout drawing to show what goes where in an RT-138 carry bag?

If you can help, it would be much appreciated, with so many packs/frames around, unless you trained on the kit, it's easy to mess up, and embarrass yourself!!

many Thanks

Cheers all

Stuart
G0TBI
QTHR

784. Re: RT-138 Carry Bag

Yahoo group: harris-radio
Date: 2011-05-17 15:29:15 UTC
From: Stuartjmckinnon@aol.com
Topic: 782 Message: 784

Sorry

Dont know why it was sent twice, it said i had timed out!!

Stuart
G0TBI

[Non-text portions of this message have been removed]

785. RF-590A remote control

Yahoo group: harris-radio
Date: 2011-05-18 17:57:39 UTC
From: nur_serinken
Topic: 785 Message: 785

Does anyone have documentation for remote control commands and RS-232 serial communication format for Harris RF-590A?
Thanks.

786. WTB Harris RF-350K/URR-1446 Complete or Parts Unit

Yahoo group: harris-radio
Date: 2011-05-19 20:14:53 UTC
From: Tom E. Miller
Topic: 786 Message: 786

Hello to the list,

I am looking for another Harris RF-350K/RT-1446 either complete

Or a non-working parts unit. I have already gotten some spare boards and

Would like to acquire more to make a complete set of spare boards.

I would especially like to find a new mint unit and would be willing to

Pay accordingly.

I am also looking for the 500 watt matching amplifier, either complete,

Parts or just boards.

Please advise what you have and be prepared with some pictures.

That's for taking time to read this,

Tom

WB8ICT

[Non-text portions of this message have been removed]

787. RF-201M info

Yahoo group: harris-radio
Date: 2011-05-24 01:51:22 UTC
From: w9ran
Topic: 787 Message: 787

Looking for any tech info on the RF-201M hybrid crystal-controlled HF transceiver. Manual would be great but even a schematic would really help. Thanks and 73,

Bob W9RAN

788. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2011-05-27 19:48:22 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 788

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /prc-138_KitBags.pdf
Uploaded by : r390b <nu4g.radio@...>
Description : Excerpt from PRC-138 Manual Showing Carry Bag and ManPack

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/prc-138_KitBags.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

r390b <nu4g.radio@...>

789. PRC-138 remote?

Yahoo group: harris-radio
Date: 2011-06-03 13:25:50 UTC
From: W2HX
Topic: 789 Message: 789

Hi there. I am considering acquiring a harris PRC-138 (one has come my way).
I currently have an RF-5000 (5020) with the remote head and was wondering,
is there any way to remotely control a 138? Seems many of these PRC radios,
when installed in a vehicle, had provisions for remote control.
Alternately, I wonder if there was a hand-held remote of any kind like the
sincgars sets had?

It would be great if there was some way I could connect my RF-5000 remote
head to the -138, since they are of similar vintage, but I have no idea.
What can you tell me about remotely controlling this radio? (also sending
this to armyradios and milpack groups)

Thank you!

73 Eugene W2HX

[Non-text portions of this message have been removed]

790. WTB Hardcopy Manual for RF-355 500 Watt AMP

Yahoo group: harris-radio
Date: 2011-06-05 16:42:09 UTC
From: Tom E. Miller
Topic: 790 Message: 790

Hello to the List,

I am looking for a good condition paper manual for the RF-355

Amplifier. I have found the softcopy, but would really like to

Have a Paper one.

Let me know if you have one or know of a contact that does.

Thanks,

Tom Miller

WB8ICT

304-546-0673

[Non-text portions of this message have been removed]

791. RE: [harris-radio] PRC-138 remote?

Yahoo group: harris-radio
Date: 2011-06-11 15:05:06 UTC
From: Roger Waldmiller
Topic: 789 Message: 791

Good Morning W2HX

Having worked on the 138 for a good number of years, I have not seen or heard of a remote head for the 138 like the 5020/5022/5022e.

You can connect a PC to the data conn and use rs232 to control/program the 138.

Basiclly it is a MANPACK. A RF3045 2 wire remote could work but has only rxtx on a single chanell.

Unlike the 5000 head the 138 also has the antenna conn mounted to it so the front panel Cannot be removed.

Hope this helps

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of W2HX
Sent: Friday, June 03, 2011 9:26 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] PRC-138 remote?

Hi there. I am considering acquiring a harris PRC-138 (one has come my way). I currently have an RF-5000 (5020) with the remote head and was wondering, is there any way to remotely control a 138? Seems many of these PRC radios, when installed in a vehicle, had provisions for remote control. Alternately, I wonder if there was a hand-held remote of any kind like the sincgars sets had?

It would be great if there was some way I could connect my RF-5000 remote head to the -138, since they are of similar vintage, but I have no idea. What can you tell me about remotely controlling this radio? (also sending this to armyradios and milpack groups)

Thank you!

73 Eugene W2HX

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

792. RE: [harris-radio] PRC-138 remote?

Yahoo group: harris-radio
Date: 2011-06-11 16:32:22 UTC
From: W2HX
Topic: 789 Message: 792

Thank you Roger. Seems that is the general consensus. Too bad, oh well

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of Roger Waldmiller
Sent: Saturday, June 11, 2011 11:05 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] PRC-138 remote?

Good Morning W2HX

Having worked on the 138 for a good number of years, I have not seen or
heard of a remote head for the 138 like the 5020/5022/5022e.

You can connect a PC to the data conn and use rs232 to control/program the
138.

Basiclly it is a MANPACK. A RF3045 2 wire remote could work but has only
rxtx on a single chanell.

Unlike the 5000 head the 138 also has the antenna conn mounted to it so the
front panel Cannot be removed.

Hope this helps

Regards

Roger

Roger w

waldrgr@... <mailto:waldrgr%40rochester.rr.com>

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
[mailto:harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
] On
Behalf Of W2HX
Sent: Friday, June 03, 2011 9:26 AM
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Subject: [harris-radio] PRC-138 remote?

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It would be great if there was some way I could connect my RF-5000 remote head to the -138, since they are of similar vintage, but I have no idea. What can you tell me about remotely controlling this radio? (also sending this to armyradios and milpack groups)

Thank you!

73 Eugene W2HX

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

793. RE: [harris-radio] PRC-138 remote?

Yahoo group: harris-radio
Date: 2011-06-11 22:26:52 UTC
From: Leon S. Ciereszko III
Topic: 789 Message: 793

Since all features can be remoted by a RS-232 ?or? RS-422/485 link I had planned to hook up an old RS-232 Palm Pilot and remote it that way (command line). I have also thought of programming a PIC with a display that mimics the one on the front with buttons and a tuning knob. The killer app would be to use a RS-232 to Bluetooth module and control it from a smartphone with an appropriate interface "skin". Alas I don't know how to program and I have many more things on my list of things to do. I'm just trying to stir the pot.

Lee N4TCW

Where's Lee?
http://map.findu.com/n4tcw

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Roger Waldmiller
Sent: Saturday, June 11, 2011 11:05 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] PRC-138 remote?

Good Morning W2HX

Having worked on the 138 for a good number of years, I have not seen or heard of a remote head for the 138 like the 5020/5022/5022e.

You can connect a PC to the data conn and use rs232 to control/program the 138.

Basiclly it is a MANPACK. A RF3045 2 wire remote could work but has only rxtx on a single chanell.

Unlike the 5000 head the 138 also has the antenna conn mounted to it so the front panel Cannot be removed.

Hope this helps

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of W2HX
Sent: Friday, June 03, 2011 9:26 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] PRC-138 remote?

Hi there. I am considering acquiring a harris PRC-138 (one has come my way). I currently have an RF-5000 (5020) with the remote head and was wondering, is there any way to remotely control a 138? Seems many of these PRC radios, when installed in a vehicle, had provisions for remote control. Alternately, I wonder if there was a hand-held remote of any kind like the sincgars sets had?

It would be great if there was some way I could connect my RF-5000 remote head to the -138, since they are of similar vintage, but I have no idea. What can you tell me about remotely controlling this radio? (also sending this to armyradios and milpack groups)

Thank you!

73 Eugene W2HX

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

794. Re: [harris-radio] PRC-138 remote?

Yahoo group: harris-radio
Date: 2011-06-12 16:56:09 UTC
From: Doug Smith [W7KF]
Topic: 789 Message: 794

While we're on the topic -- does anyone have a part number for the mating connector (data port)? The manual only lists the Harris part number for the cable assembly..

73,
Doug, W7KF
http://www.w7kf.com

Leon S. Ciereszko III wrote:
> Since all features can be remoted by a RS-232 ?or? RS-422/485 link

795. Re: [harris-radio] PRC-138 remote?

Yahoo group: harris-radio
Date: 2011-06-14 00:35:12 UTC
From: Steve Sykes
Topic: 789 Message: 795

It is a U-316/U. Do you need one?

Steve KD2OM/NNN0HSB

On 6/12/2011 12:56 PM, Doug Smith [W7KF] wrote:
>
> While we're on the topic -- does anyone have a part number for the mating
> connector (data port)? The manual only lists the Harris part number
> for the
> cable assembly..
>
> 73,
> Doug, W7KF
> http://www.w7kf.com
>
> Leon S. Ciereszko III wrote:
> > Since all features can be remoted by a RS-232 ?or? RS-422/485 link
>
>
> ---
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 10.0.1382 / Virus Database: 1513/3702 - Release Date: 06/13/11
>

[Non-text portions of this message have been removed]

796. WTB 10 Mhz reference for RF-590

Yahoo group: harris-radio
Date: 2011-06-15 03:21:04 UTC
From: Tom E. Miller
Topic: 796 Message: 796

Hello to the list,

I am looking to buy a 10 Mhz reference for the RF-590.

If anyone has one or knows someone who does, please let me know.

Thanks,

Tom Miller

WB8ICT

304-546-0673

[Non-text portions of this message have been removed]

797. RE: [harris-radio] PRC-138 remote?

Yahoo group: harris-radio
Date: 2011-06-15 17:38:53 UTC
From: W2HX
Topic: 789 Message: 797

Tremendous ideas! What I would want to do is create an interface (pic, etc) so it could be controlled from a C-11166/GRC-206

http://www.prc68.com/I/C11166GRC206.shtml

Or more accurately from the Signal Distribution Unit SDU C11169/GRC-206 that the remote head connects to:

http://www.prc68.com/I/C11169GRC206.shtml

now THAT would be cool! Somehow emulate the RT-1444 (remote controllable version of RT-1209/PRC-104). I have the control head, may likely purchase the SDU. This way it could control the RT-1439/PRC-119 for 51 MHz and also the PRC-138 (or maybe my RF-5000) for HF.

Some fun things to think about, anyway!

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Leon S. Ciereszko III
Sent: Saturday, June 11, 2011 6:27 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] PRC-138 remote?

Since all features can be remoted by a RS-232 ?or? RS-422/485 link I had planned to hook up an old RS-232 Palm Pilot and remote it that way (command line). I have also thought of programming a PIC with a display that mimics the one on the front with buttons and a tuning knob. The killer app would be to use a RS-232 to Bluetooth module and control it from a smartphone with an appropriate interface "skin". Alas I don't know how to program and I have many more things on my list of things to do. I'm just trying to stir the pot.

Lee N4TCW

Where's Lee?
http://map.findu.com/n4tcw

-----Original Message-----
From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com> [mailto:harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>] On Behalf Of Roger Waldmiller
Sent: Saturday, June 11, 2011 11:05 AM
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Subject: RE: [harris-radio] PRC-138 remote?

Good Morning W2HX

Having worked on the 138 for a good number of years, I have not seen or heard of a remote head for the 138 like the 5020/5022/5022e.

You can connect a PC to the data conn and use rs232 to control/program the 138.

Basiclly it is a MANPACK. A RF3045 2 wire remote could work but has only rxtx on a single chanell.

Unlike the 5000 head the 138 also has the antenna conn mounted to it so the front panel Cannot be removed.

Hope this helps

Regards

Roger

Roger w

waldrgr@... <mailto:waldrgr%40rochester.rr.com>

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
[mailto:harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
] On
Behalf Of W2HX
Sent: Friday, June 03, 2011 9:26 AM
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Subject: [harris-radio] PRC-138 remote?

Hi there. I am considering acquiring a harris PRC-138 (one has come my way). I currently have an RF-5000 (5020) with the remote head and was wondering, is there any way to remotely control a 138? Seems many of these PRC radios, when installed in a vehicle, had provisions for remote control. Alternately, I wonder if there was a hand-held remote of any kind like the sincgars sets had?

It would be great if there was some way I could connect my RF-5000 remote head to the -138, since they are of similar vintage, but I have no idea. What can you tell me about remotely controlling this radio? (also sending this to armyradios and milpack groups)

Thank you!

73 Eugene W2HX

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[Non-text portions of this message have been removed]

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

[Non-text portions of this message have been removed]

798. RF-5000 A6 hold up battery

Yahoo group: harris-radio
Date: 2011-06-17 21:02:53 UTC
From: W2HX
Topic: 798 Message: 798

Hi there. My RF-5020 was complaining that the channel memory had not been retained. So I went searching for the replacement memory hold up battery on the A6 board. This battery is a BCX72 3.9V 1AH 3-pin lithium battery.

I was very surprised to see how much they cost! $29-$60 depending on the source. Well I located a battery for a good price but the minimum purchase required me to purchase about 10 of them. I just replaced the one in my 5020 and it works fine business. I will keep one other in my spares, but that leaves me with 8 more.

I will sell them for $10 each shipped ($10 includes shipping) anywhere in the US. Each additional battery $5

I have no idea if this is the same battery as used in the 5022 (but guessing yes) or a -138

Anyone need one (or more than one?)

73 Eugene W2HX

[Non-text portions of this message have been removed]

799. RE: [harris-radio] RF-5000 A6 hold up battery

Yahoo group: harris-radio
Date: 2011-06-18 12:04:01 UTC
From: Roger Waldmiller
Topic: 798 Message: 799

Hello All

W2HX

The 5020 uses the round battery as you found out , the 5022 and 5022E uses a rectangle battery LTC-7PN.

One thing about the round batt in the 5020 is that if the unit is turned off for long periods of time , likes months , it will be dead again when the unit is powered up again. There is a JMPR (on the A6) that can be open if the unit is stored or OFF for these periods.

I believe it even happens to the LTC-7PN but to a lesser extent . Still the A6 batt is a frequent replacement .

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of W2HX
Sent: Friday, June 17, 2011 5:03 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5000 A6 hold up battery

Hi there. My RF-5020 was complaining that the channel memory had not been retained. So I went searching for the replacement memory hold up battery on the A6 board. This battery is a BCX72 3.9V 1AH 3-pin lithium battery.

I was very surprised to see how much they cost! $29-$60 depending on the source. Well I located a battery for a good price but the minimum purchase required me to purchase about 10 of them. I just replaced the one in my 5020 and it works fine business. I will keep one other in my spares, but that leaves me with 8 more.

I will sell them for $10 each shipped ($10 includes shipping) anywhere in the US. Each additional battery $5

I have no idea if this is the same battery as used in the 5022 (but guessing yes) or a -138

Anyone need one (or more than one?)

73 Eugene W2HX

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

800. RE: [harris-radio] RF-5000 A6 hold up battery

Yahoo group: harris-radio
Date: 2011-06-18 21:13:21 UTC
From: W2HX
Topic: 798 Message: 800

Thanks Roger. It seems others have emailed me with corroborating information about the LTC batteries in the 5022. Seems like the 5022 has the same LTC battery for both the A6 board and the remote head, whereas the 5020 has the LTC in the remote head but this round BCX on A6.

BTW: My A6 board has this jumper but it is a soldered bit of wire. I was wondering if this should be a 2 pin header with a jumper to bridge them? Anyone have a header for this jumper? Or must everyone solder/desolder this wire if the radio is going into storage? And if everyone has the jumper, has anyone tried to replace this with a 2-pin header? Are the solder holes 0.1" apart?

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Roger Waldmiller
Sent: Saturday, June 18, 2011 8:04 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RF-5000 A6 hold up battery

Hello All

W2HX

The 5020 uses the round battery as you found out , the 5022 and 5022E uses a rectangle battery LTC-7PN.

One thing about the round batt in the 5020 is that if the unit is turned off for long periods of time , likes months , it will be dead again when the unit is powered up again. There is a JMPR (on the A6) that can be open if the unit is stored or OFF for these periods.

I believe it even happens to the LTC-7PN but to a lesser extent . Still the A6 batt is a frequent replacement .

Regards

Roger w

waldrgr@... <mailto:waldrgr%40rochester.rr.com>

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
[mailto:harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
] On
Behalf Of W2HX
Sent: Friday, June 17, 2011 5:03 PM
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Subject: [harris-radio] RF-5000 A6 hold up battery

Hi there. My RF-5020 was complaining that the channel memory had not been retained. So I went searching for the replacement memory hold up battery on the A6 board. This battery is a BCX72 3.9V 1AH 3-pin lithium battery.

I was very surprised to see how much they cost! $29-$60 depending on the source. Well I located a battery for a good price but the minimum purchase required me to purchase about 10 of them. I just replaced the one in my 5020 and it works fine business. I will keep one other in my spares, but that leaves me with 8 more.

I will sell them for $10 each shipped ($10 includes shipping) anywhere in the US. Each additional battery $5

I have no idea if this is the same battery as used in the 5022 (but guessing yes) or a -138

Anyone need one (or more than one?)

73 Eugene W2HX

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

801. Re: RF-5000 A6 hold up battery

Yahoo group: harris-radio
Date: 2011-06-20 05:18:55 UTC
From: oe5rho
Topic: 798 Message: 801

Buy a 1F/5.5V GoldCap (cost me $5 here) , replace the diode leading from the batterie with a 1K resistor to limit the charging current and never worry about the batterie again.

This is what I did on my 5020. Since then I have not had it powered off for longer than half a year but at least 6 month the memory is retained.

Regards,

Roland

--- In harris-radio@yahoogroups.com, "W2HX" <w2hx@...> wrote:
>
> Thanks Roger. It seems others have emailed me with corroborating information
> about the LTC batteries in the 5022. Seems like the 5022 has the same LTC
> battery for both the A6 board and the remote head, whereas the 5020 has the
> LTC in the remote head but this round BCX on A6.
>
>
>
> BTW: My A6 board has this jumper but it is a soldered bit of wire. I was
> wondering if this should be a 2 pin header with a jumper to bridge them?
> Anyone have a header for this jumper? Or must everyone solder/desolder this
> wire if the radio is going into storage? And if everyone has the jumper, has
> anyone tried to replace this with a 2-pin header? Are the solder holes 0.1"
> apart?
>
>
>
> 73 Eugene W2HX
>
>
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Roger Waldmiller
> Sent: Saturday, June 18, 2011 8:04 AM
> To: harris-radio@yahoogroups.com
> Subject: RE: [harris-radio] RF-5000 A6 hold up battery
>
>
>
>
>
> Hello All
>
> W2HX
>

> The 5020 uses the round battery as you found out , the 5022 and 5022E uses a
> rectangle battery LTC-7PN.
>
> One thing about the round batt in the 5020 is that if the unit is turned off
> for long periods of time , likes months , it will be dead again when the
> unit is powered up again. There is a JMPR (on the A6) that can be open if
> the unit is stored or OFF for these periods.
>
> I believe it even happens to the LTC-7PN but to a lesser extent . Still the
> A6 batt is a frequent replacement .
>
> Regards
>
> Roger w
>
> waldrgr@... <mailto:waldrgr%40rochester.rr.com>
>
> k4alphapapa
>
> 3200 ,2000,3230,
>
> 5000, 138, 3201
>
> Rochester NY USA
>
> From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> [mailto:harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
>] On
> Behalf Of W2HX
> Sent: Friday, June 17, 2011 5:03 PM
> To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> Subject: [harris-radio] RF-5000 A6 hold up battery
>
> Hi there. My RF-5020 was complaining that the channel memory had not been
> retained. So I went searching for the replacement memory hold up battery on
> the A6 board. This battery is a BCX72 3.9V 1AH 3-pin lithium battery.
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> I was very surprised to see how much they cost! $29-$60 depending on the
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> required me to purchase about 10 of them. I just replaced the one in my 5020
> and it works fine business. I will keep one other in my spares, but that
> leaves me with 8 more.
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> I will sell them for $10 each shipped ($10 includes shipping) anywhere in
> the US. Each additional battery $5
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> I have no idea if this is the same battery as used in the 5022 (but guessing
> yes) or a -138
>
> Anyone need one (or more than one?)

>
> 73 Eugene W2HX
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

802. Re: [harris-radio] Re: RF-5000 A6 hold up battery

Yahoo group: harris-radio
Date: 2011-06-20 11:45:25 UTC
From: W2HX
Topic: 798 Message: 802

Wow. That sound like a great idea.
On Mon, 20 Jun 2011 01:18:55 -0400, harris-radio@yahoogroups.com wrote:
>
>
> Buy a 1F/5.5V GoldCap (cost me $5 here) , replace the diode leading from the batterie with a 1K resistor to limit the charging current and never worry about the batterie again.
>
> This is what I did on my 5020. Since then I have not had it powered off for longer than half a year but at least 6 month the memory is retained.
>
> Regards,
>
> Roland
>
> --- In harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>, "W2HX" <w2hx@...> wrote:
> >
> > Thanks Roger. It seems others have emailed me with corroborating information
> > about the LTC batteries in the 5022. Seems like the 5022 has the same LTC
> > battery for both the A6 board and the remote head, whereas the 5020 has the
> > LTC in the remote head but this round BCX on A6.
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> >
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> > BTW: My A6 board has this jumper but it is a soldered bit of wire. I was
> > wondering if this should be a 2 pin header with a jumper to bridge them?
> > Anyone have a header for this jumper? Or must everyone solder/desolder this
> > wire if the radio is going into storage? And if everyone has the jumper, has
> > anyone tried to replace this with a 2-pin header? Are the solder holes 0.1"
> > apart?
> >
> >
> >
> > 73 Eugene W2HX
> >
> >
> >
> > From: harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com> [mailto:harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>] On
> > Behalf Of Roger Waldmiller
> > Sent: Saturday, June 18, 2011 8:04 AM
> > To: harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>
> > Subject: RE: [harris-radio] RF-5000 A6 hold up battery
> >
> >

> >
> >
> >
> > Hello All
> >
> > W2HX
> >
> > The 5020 uses the round battery as you found out , the 5022 and 5022E uses a
> > rectangle battery LTC-7PN.
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> > One thing about the round batt in the 5020 is that if the unit is turned off
> > for long periods of time , likes months , it will be dead again when the
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> > the unit is stored or OFF for these periods.
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> > I believe it even happens to the LTC-7PN but to a lesser extent . Still the
> > A6 batt is a frequent replacement .
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> > Regards
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> > Roger w
> >
> > waldrgr@... <mailto:waldrgr%40rochester.rr.com>
> >
> > k4alphapapa
> >
> > 3200 ,2000,3230,
> >
> > 5000, 138, 3201
> >
> > Rochester NY USA
> >
> > From: harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>
<mailto:harris-radio%40yahoogroups.com>
> > [mailto:harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>
<mailto:harris-radio%40yahoogroups.com>
> >] On
> > Behalf Of W2HX
> > Sent: Friday, June 17, 2011 5:03 PM
> > To: harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>
<mailto:harris-radio%40yahoogroups.com>
> > Subject: [harris-radio] RF-5000 A6 hold up battery
> >
> > Hi there. My RF-5020 was complaining that the channel memory had not been
> > retained. So I went searching for the replacement memory hold up battery on
> > the A6 board. This battery is a BCX72 3.9V 1AH 3-pin lithium battery.
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> > I was very surprised to see how much they cost! $29-$60 depending on the
> > source. Well I located a battery for a good price but the minimum purchase
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> > the US. Each additional battery $5
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> > I have no idea if this is the same battery as used in the 5022 (but guessing
> > yes) or a -138
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> > Anyone need one (or more than one?)
> >
> > 73 Eugene W2HX
> >
> > [Non-text portions of this message have been removed]
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> > [Non-text portions of this message have been removed]
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> > [Non-text portions of this message have been removed]
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>

803. RF-355/AM-7223 Error

Yahoo group: harris-radio
Date: 2011-06-24 00:40:23 UTC
From: Jon-KB1DC
Topic: 803 Message: 803

Hello,

I'm getting a 2-07 error on my amp sometimes and I do hear the servo winding and I believe when I get the error the servo is winding in only one direction meaning when I get no errors (PASSED) I believe I hear the servo winding in both directions. Has anyone had this error or any experience in this area?

Thanks,
Jon, KB1DC

804. R-2368/URR-or-RF-590A Front Panel

Yahoo group: harris-radio
Date: 2011-06-27 20:11:39 UTC
From: j.hafele
Topic: 804 Message: 804

Hi gang, new member here !
Have been in communications electronics for ages as a profession,as well as,an avid SWL and ham radio operator for close to 45 years.
A lover of premium receivers,I have possessed many over the years.I presently own an R-2368/URR and am in search of a front panel for this unit. I would also settle for an RF-590A panel if available (not RF-590). I am not looking for perfection but for one that is clean and free of major flaws,etc. Please do not recommend Toronto Surplus because I am aware that they sell brand new panels for well over $1,000.
I am not criticizing their price as they are a commercial operation and would normally demand higher prices.However,I am not a commercial operation and cannot afford that kind of money for a panel.You may respond to my email address or post your replies as you deem applicable.
Many thanks in advance.
Very best regards,
John ...

805. RF-7210

Yahoo group: harris-radio
Date: 2011-07-08 18:57:44 UTC
From: Ronald
Topic: 805 Message: 805

I just found an RF-7210 controller to use with my RF-350K, which has the upgrade for the remote and controller installed.

The RF-7210 I have does not have chips (IC's) in sockets U6, U24, U54, U8, U25, U55. I have other harris equipment that works fine with missing chips so I assume the sockets were for upgrades or options.

Not so sure about this equipment so if anyone knows about these chips being missing I would appreciate it. The manual says some are memory and others are EPROMS.

806. Re: RF-7210

Yahoo group: harris-radio
Date: 2011-07-14 11:07:55 UTC
From: Steve
Topic: 805 Message: 806

Ron,

All the chips need to be installed. Some are memory but most are the firmware.

Steve KD2OM/NNN0HSB

--- In harris-radio@yahoogroups.com, "Ronald" <ecom1@...> wrote:
>
> I just found an RF-7210 controller to use with my RF-350K, which has the upgrade for the remote and controller installed.
>
> The RF-7210 I have does not have chips (IC's) in sockets U6, U24, U54, U8, U25, U55. I have other harris equipment that works fine with missing chips so I assume the sockets were for upgrades or options.
>
> Not so sure about this equipment so if anyone knows about these chips being missing I would appreciate it. The manual says some are memory and others are EPROMS.
>

807. FS BCC39B Racal manpack

Yahoo group: harris-radio
Date: 2011-07-17 20:57:28 UTC
From: JC
Topic: 807 Message: 807

Hello all,

Slightly off topic, but.....I have decided to sell my Racal BCC39b manpack HF ssb radio, and it's accessories.

If interested, please contact me offline at:
jc dot daehler at gmail dot com

I can then send you all details with pictures
73
JC
VE7OI

809. Harris RF-5031 Power amplifier for sale

Yahoo group: harris-radio
Date: 2011-07-24 13:36:17 UTC
From: joseluisls2002
Topic: 809 Message: 809

I have, for any months, a Harris RF-5031 PA-125 but I haven't
receiver-exciter for testing and I don't bought the receiver-exciter

This equipment is for sale. If you are interesting write to me. In folder
"Photos" I want upload a picture of this equipment.

José

810. Re: Manuals Wanted

Yahoo group: harris-radio
Date: 2011-07-27 23:31:35 UTC
From: slow.loris1
Topic: 720 Message: 810

--- In harris-radio@yahoogroups.com, "t" <ab8al@...> wrote:
>
> Looking for the following manuals:
>
> RF 7210A Operating and Depot (I already have the RF 7210 but not same)
> RF 590A Operating and Depot (AGain already have the Rf 590 and 2368)
> RF 1310A Operating and Depot
> RF 1310 Operating and Depot
>
> Will purchase just not wanting to spend Harris cost.
>
> Terry
>
I am new to the list. Sure would like to get hold of a 7210(non a) manual, or find out where to download one. If you can help let me know. Ed, kq5f

811. Interesting Harris accessory

Yahoo group: harris-radio
Date: 2011-08-13 15:07:55 UTC
From: Doug Smith [W7KF]
Topic: 811 Message: 811

Anyone know what this thing connects to? (No, it's not mine and I don't know the seller.)

http://cgi.ebay.com/320734874081

--
73,
Doug, W7KF
http://www.w7kf.com

812. Re: [harris-radio] Interesting Harris accessory

Yahoo group: harris-radio
Date: 2011-08-13 16:29:33 UTC
From: W2HX
Topic: 811 Message: 812

Its kinda like a phone patch. It allows a remote radio like prc-138 to connect to a base station and then dial a phone number. Also in reverse it allows a phone number to be called from a landline and then call an ale station. It is only one part of the system. Another part "TUI" is required to make it work. I believe the tui is unobtanium

On Sat, 13 Aug 2011 11:07:55 -0400, harris-radio@yahoogroups.com wrote:

>
>
> Anyone know what this thing connects to? (No, it's not mine and I don't know
> the seller.)
>
> http://cgi.ebay.com/320734874081
>
> --
> 73,
> Doug, W7KF
> http://www.w7kf.com
>
>

813. RE: [harris-radio] Interesting Harris accessory

Yahoo group: harris-radio
Date: 2011-08-13 16:44:57 UTC
From: Roger Waldmiller
Topic: 811 Message: 813

The Rf3565 will also connect to the 5000 rt

The TUI mentioned is TIU telephone interface unit RF 3560 a,b,,c Sold by Harris but is OEM 19 in panel mount

Roger

K4alphapapa

waldrgr@...

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Doug Smith [W7KF]
Sent: Saturday, August 13, 2011 11:08 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Interesting Harris accessory

Anyone know what this thing connects to? (No, it's not mine and I don't know

the seller.)

http://cgi.ebay.com/320734874081

--
73,
Doug, W7KF
http://www.w7kf.com

[Non-text portions of this message have been removed]

814. Re: Interesting Harris accessory

Yahoo group: harris-radio
Date: 2011-08-14 10:24:37 UTC
From: joseluisls2002
Topic: 811 Message: 814

I think that it is a voice scrambler, and keyboard is for enter the key.

I'm not sure...

--- In harris-radio@yahoogroups.com, "Doug Smith [W7KF]" <doug@...> wrote:
>
> Anyone know what this thing connects to? (No, it's not mine and I don't know
> the seller.)
>
> http://cgi.ebay.com/320734874081
>
> --
> 73,
> Doug, W7KF
> http://www.w7kf.com
>

815. RF-3200 Volume Potentiometer

Yahoo group: harris-radio
Date: 2011-08-14 22:34:15 UTC
From: n4be_jim
Topic: 815 Message: 815

My RF-3200 volume potentiometer has gotten very intermittent and wont clean up with spray. Its a 10K PCB vertical mount type, 17mm diameter with a 30 mm shaft length. R18 on the Audio PCB. It has 3 tabs that insert into the PCB, and 2 side tabs facing down that secure it to the PCB. Can't find anything close physically from the usual parts houses. Any ideas?

Tnx Jim n4be

816. Re: Interesting Harris accessory

Yahoo group: harris-radio
Date: 2011-08-15 19:02:05 UTC
From: murphyjunk
Topic: 811 Message: 816

the seller seems to be quite an " operator" charging $30 for shipping something that costs them under $10 to ship.

--- In harris-radio@yahoogroups.com, "joseluisls2002" <joseluisls2002@...> wrote:
>
>
> I think that it is a voice scrambler, and keyboard is for enter the key.
>
> I'm not sure...
>
>
>
>
> --- In harris-radio@yahoogroups.com, "Doug Smith [W7KF]" <doug@> wrote:
> >
> > Anyone know what this thing connects to? (No, it's not mine and I don't know
> > the seller.)
> >
> > http://cgi.ebay.com/320734874081
> >
> > --
> > 73,
> > Doug, W7KF
> > http://www.w7kf.com
> >
>

817. Re: [harris-radio] Interesting Harris accessory

Yahoo group: harris-radio
Date: 2011-08-15 19:15:54 UTC
From: Doug Smith [W7KF]
Topic: 811 Message: 817

Gentlemen,

Thanks for the low-down on the Harris part. It looks like it would be a cool thing to have IF one also had the TIU. Oh, and a bunch of cash to spare.

Since I have neither I will pass on that deal!

73 and thanks again,

Doug, W7KF
http://www.w7kf.com

Roger Waldmiller wrote:
>
>
> The Rf3565 will also connect to the 5000 rt
>
> The TUI mentioned is TIU telephone interface unit RF 3560 a,b,,c Sold by
> Harris but is OEM 19 in panel mount
>
> Roger
>
> K4alphapapa

818. RF-382A vs. RF-351 Tune Power Request

Yahoo group: harris-radio
Date: 2011-08-17 04:17:21 UTC
From: Doug Smith [W7KF]
Topic: 818 Message: 818

I've noticed slightly different behavior between my RF-351 and my RF-382A couplers.

Specifically, I receive a tune power request from the older RF-351 coupler when I don't with the RF-382A. For example, say I'm tuned up on 40 meters and I switch to 20 meters. If I send a dit or a dah the RF-351 will notice the mismatch and sends a tune power request back to the shack. However, the RF-382A does NOT.

Both couplers otherwise operate identically -- if I initiate a tune cycle from the shack they both will automatically request tune power and adjust for a best match condition.

So, I am wondering if there is a DIP switch setting in the RF-382A that I need to set? Or, maybe the RF-382A mismatch sensing circuit needs calibration? While I do have a manual for the RF-351 and have calibrated it, I have no manual for the RF-382A..
--
73,
Doug, W7KF
http://www.w7kf.com

819. Re: [harris-radio] RF-382A vs. RF-351 Tune Power Request

Yahoo group: harris-radio
Date: 2011-08-17 21:51:40 UTC
From: Steve Sykes
Topic: 818 Message: 819

The RF-351 uses a vacuum cap and a variable inductor. The RF-382 uses switched caps and inductors. The 351 will surveil, which unless you toggle a TPR (tune power request) will tune, for example if the antenna VSWR changes the coupler will keep adjusting.
The RF-382 does not do this as relays can not be hot switched. What happens is that when the VSWR changes a flag is set and the next key up should cause a tune. The radios will set the TPR flag automatically when the frequency changes by a certain amount.
I assume that you are using the couplers in a stand alone condition so the best solution would be to send the 382 a TPR manually before sending tune power.

I hope this explains it well enough.

73
Steve KD2OM

On 08/17/2011 12:17 AM, Doug Smith [W7KF] wrote:
>
> I've noticed slightly different behavior between my RF-351 and my RF-382A
> couplers.
>
> Specifically, I receive a tune power request from the older RF-351
> coupler
> when I don't with the RF-382A. For example, say I'm tuned up on 40
> meters and
> I switch to 20 meters. If I send a dit or a dah the RF-351 will notice
> the
> mismatch and sends a tune power request back to the shack. However, the
> RF-382A does NOT.
>
> Both couplers otherwise operate identically -- if I initiate a tune
> cycle from
> the shack they both will automatically request tune power and adjust
> for a
> best match condition.
>
> So, I am wondering if there is a DIP switch setting in the RF-382A
> that I need
> to set? Or, maybe the RF-382A mismatch sensing circuit needs calibration?
> While I do have a manual for the RF-351 and have calibrated it, I have no
> manual for the RF-382A..
> --
> 73,
> Doug, W7KF
> http://www.w7kf.com

>
>

[Non-text portions of this message have been removed]

820. For sale in Ebay: Harris RF-5031 Power Amplifier for RF-5022 Transceiver

Yahoo group: harris-radio
Date: 2011-08-18 15:11:31 UTC
From: joseluisls2002
Topic: 820 Message: 820

I put to sale in a Harris RF-5031(PA-125) Power Amplifier for RF-5022 Transceiver.

Initial price: 199 $

If you are interesting this is the link:

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=270799706480#ht_642wt_932

If you have problem with link, this is Item number:

270799706480

Thank.

Jose Luis

821. Re: [harris-radio] RF-382A vs. RF-351 Tune Power Request

Yahoo group: harris-radio
Date: 2011-08-19 00:05:49 UTC
From: Doug Smith [W7KF]
Topic: 818 Message: 821

Hi Steve,

Thank you for the explanation.

I have a circuit that I'm using to control the 351 or the 382 that works well. It keeps the coupler in a "keyed" condition by holding Pin B to ground. It initiates a tune cycle by momentarily taking Pin E to ground -- a tune pulse. In response to that, either coupler will send a Tune Power Request (TPR) back to me on Pin F.

My controller uses the TPR to reduce transmitter power to 25 watts, disable the amplifier and force the transmitter to send a CW carrier. Once the coupler reaches a tuned state it removes the TPR signal from Pin F, the transmitter stops transmitting, reverts to full power and the amp is re-enabled.

(A fault condition causes transmitter to stop providing tune power and disables the amp.)

This all works nicely with both couplers and allows me to use typical ham gear with either coupler. In normal operation whenever I change bands I simply hit the momentary tune cycle request button on my controller. The coupler then tunes and I'm in business.

The difference between the two couplers is that the 351 will initiate a TPR on it's own in the face of a mis-match. For example, if I change bands and forget to hit the tune cycle request button before transmitting. The 351 notices the mis-match and sends a TPR on Pin F. The tune sequence is invoked, the coupler finds a match and all is well.

The 382 does not do that -- which I found surprising. In the same scenario, the 382 presents a match fault condition which disables my amp and lights an LED reminding me of my folly. Which is good. The 351, on the other hand, takes it upon itself to initiate a tune cycle by sending me a TPR. Which is better.

Now, if I'm correctly reading what you wrote, the 382 *would* send me a TPR (in a mis-match condition) if I was not holding pin B to ground and instead keying it for each transmission. Did I interpret that correctly?

Thanks again and 73,
Doug, W7KF

Steve Sykes wrote:
>
>
> The RF-351 uses a vacuum cap and a variable inductor. The RF-382 uses
> switched caps and inductors. The 351 will surveil, which unless you

> toggle a TPR (tune power request) will tune, for example if the antenna
> VSWR changes the coupler will keep adjusting.
> The RF-382 does not do this as relays can not be hot switched. What
> happens is that when the VSWR changes a flag is set and the next key up
> should cause a tune. The radios will set the TPR flag automatically
> when the frequency changes by a certain amount.
> I assume that you are using the couplers in a stand alone condition so
> the best solution would be to send the 382 a TPR manually before sending
> tune power.
>
> I hope this explains it well enough.
>
> 73
> Steve KD2OM
>
> On 08/17/2011 12:17 AM, Doug Smith [W7KF] wrote:
> >
> > I've noticed slightly different behavior between my RF-351 and my RF-382A
> > couplers.
> >
> > Specifically, I receive a tune power request from the older RF-351
> > coupler
> > when I don't with the RF-382A. For example, say I'm tuned up on 40
> > meters and
> > I switch to 20 meters. If I send a dit or a dah the RF-351 will notice
> > the
> > mismatch and sends a tune power request back to the shack. However, the
> > RF-382A does NOT.
> >
> > Both couplers otherwise operate identically -- if I initiate a tune
> > cycle from
> > the shack they both will automatically request tune power and adjust
> > for a
> > best match condition.
> >
> > So, I am wondering if there is a DIP switch setting in the RF-382A
> > that I need
> > to set? Or, maybe the RF-382A mismatch sensing circuit needs calibration?
> > While I do have a manual for the RF-351 and have calibrated it, I have no
> > manual for the RF-382A..
> > --
> > 73,
> > Doug, W7KF
> > http://www.w7kf.com
> >
> >
>
> [Non-text portions of this message have been removed]
>
>

822. RT-1446/urc help

Yahoo group: harris-radio
Date: 2011-08-22 14:09:16 UTC
From: vk5abc
Topic: 822 Message: 822

Hello All

Is there anyone here that has the afsk opion on the RT-1446/URC?

73's Lee

823. Re: RT-1446/urc help

Yahoo group: harris-radio
Date: 2011-08-23 12:48:39 UTC
From: Ron Boltz
Topic: 822 Message: 823

Yes, I have it in mine.

Ron Boltz
K3TZJ

[Non-text portions of this message have been removed]

824. RF-3565 Telephone Access Unit

Yahoo group: harris-radio
Date: 2011-08-23 19:19:05 UTC
From: Brooke Clarke
Topic: 811 Message: 824

Hi:

The web page for the RF-3565 Telephone Access Unit is at:
http://www.prc68.com/I/RF3200ET.shtml#RF3565

Does anyone know what radios it works with?
Also the wiring of the radio connector that gets cabled to J1 on the
RF-3565?

I ask because I'm trying to figure out how RF-3565-J1 is wired to the
radio. I'm guessing it may be the same as a PRC-25 or PRC-77 since J1
is the same connector that's on those (and many other) radios marked
POWER, but it includes the Rx, Tx audio and PTT lines as well as DC power.

It's interesting the unit came with a 9V battery dated 08-98 which was
leaking acid. I wonder if these units were taken out of service because
the battery died?

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.End2PartyGovernment.com/

825. Re: [harris-radio] RF-3565 Telephone Access Unit

Yahoo group: harris-radio
Date: 2011-08-23 21:53:38 UTC
From: Steve Sykes
Topic: 811 Message: 825

It is meant to work with an RF-5022 or AN/PRC-138. To do anything it needs an RF-3560 Telephone Interface Unit, which is the unit that makes the connection to a landline. Having the RF-3565 connected to a radio allows the TIU to call it, but really ALE makes the links. The RF-3565 will send a phone number over the link after the ALE link is made.

Steve KD2OM

On 08/23/2011 03:19 PM, Brooke Clarke wrote:
>
> Hi:
>
> The web page for the RF-3565 Telephone Access Unit is at:
> http://www.prc68.com/I/RF3200ET.shtml#RF3565
>
> Does anyone know what radios it works with?
> Also the wiring of the radio connector that gets cabled to J1 on the
> RF-3565?
>
> I ask because I'm trying to figure out how RF-3565-J1 is wired to the
> radio. I'm guessing it may be the same as a PRC-25 or PRC-77 since J1
> is the same connector that's on those (and many other) radios marked
> POWER, but it includes the Rx, Tx audio and PTT lines as well as DC power.
>
> It's interesting the unit came with a 9V battery dated 08-98 which was
> leaking acid. I wonder if these units were taken out of service because
> the battery died?
>
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
> http://www.End2PartyGovernment.com/
>
>

[Non-text portions of this message have been removed]

826. Re: [harris-radio] RF-3565 Telephone Access Unit

Yahoo group: harris-radio
Date: 2011-08-23 22:15:33 UTC
From: Brooke Clarke
Topic: 811 Message: 826

Hi Steve:

Thanks. I'll check to see if I have info on either of them.

It may be possible to make a functional equivalent of the RF-3560 TIU,
but first need to get the RF-3565 to output something and for that need
J1 wiring info.

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.End2PartyGovernment.com/

Steve Sykes wrote:
> It is meant to work with an RF-5022 or AN/PRC-138. To do anything it
> needs an RF-3560 Telephone Interface Unit, which is the unit that makes
> the connection to a landline. Having the RF-3565 connected to a radio
> allows the TIU to call it, but really ALE makes the links. The RF-3565
> will send a phone number over the link after the ALE link is made.
>
> Steve KD2OM
>
>
> On 08/23/2011 03:19 PM, Brooke Clarke wrote:
>
>> Hi:
>>
>> The web page for the RF-3565 Telephone Access Unit is at:
>> http://www.prc68.com/I/RF3200ET.shtml#RF3565
>>
>> Does anyone know what radios it works with?
>> Also the wiring of the radio connector that gets cabled to J1 on the
>> RF-3565?
>>
>> I ask because I'm trying to figure out how RF-3565-J1 is wired to the
>> radio. I'm guessing it may be the same as a PRC-25 or PRC-77 since J1
>> is the same connector that's on those (and many other) radios marked
>> POWER, but it includes the Rx, Tx audio and PTT lines as well as DC power.
>>
>> It's interesting the unit came with a 9V battery dated 08-98 which was
>> leaking acid. I wonder if these units were taken out of service because
>> the battery died?
>>
>> Have Fun,
>>

>> Brooke Clarke
>> http://www.PRC68.com
>> http://www.End2PartyGovernment.com/
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
>
>
>

827. Re: [harris-radio] RF-3565 Telephone Access Unit

Yahoo group: harris-radio
Date: 2011-08-23 22:40:56 UTC
From: Brooke Clarke
Topic: 811 Message: 827

Hi Steve:

I do not have pin out information for either the PRC-138 or RF-5022.
I expect there's a connector that has 14 +/- a few contacts that the
RF-3565 connects to and need it's pin out info.

Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.End2PartyGovernment.com/

Steve Sykes wrote:
> It is meant to work with an RF-5022 or AN/PRC-138. To do anything it
> needs an RF-3560 Telephone Interface Unit, which is the unit that makes
> the connection to a landline. Having the RF-3565 connected to a radio
> allows the TIU to call it, but really ALE makes the links. The RF-3565
> will send a phone number over the link after the ALE link is made.
>
> Steve KD2OM
>
>
> On 08/23/2011 03:19 PM, Brooke Clarke wrote:
>
>> Hi:
>>
>> The web page for the RF-3565 Telephone Access Unit is at:
>> http://www.prc68.com/I/RF3200ET.shtml#RF3565
>>
>> Does anyone know what radios it works with?
>> Also the wiring of the radio connector that gets cabled to J1 on the
>> RF-3565?
>>
>> I ask because I'm trying to figure out how RF-3565-J1 is wired to the
>> radio. I'm guessing it may be the same as a PRC-25 or PRC-77 since J1
>> is the same connector that's on those (and many other) radios marked
>> POWER, but it includes the Rx, Tx audio and PTT lines as well as DC power.
>>
>> It's interesting the unit came with a 9V battery dated 08-98 which was
>> leaking acid. I wonder if these units were taken out of service because
>> the battery died?
>>
>> Have Fun,
>>
>> Brooke Clarke
>> http://www.PRC68.com

>> http://www.End2PartyGovernment.com/
>>
>>
>>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
>
>
>

828. Re: [harris-radio] RF-3565 Telephone Access Unit

Yahoo group: harris-radio
Date: 2011-08-23 23:06:56 UTC
From: Doug Smith [W7KF]
Topic: 811 Message: 828

PRC-138 J2 / Data Connector:

A Fixed level receive audio out
B Fixed level transmit audio in
C Data Out
D Data In
E Battery Out or Remote Power On (jumper setting)
F TX Keyline
H RLSD (Output, RS-232C or MIL-STD-188-114A levels)
J Ground
K Remote async data in
L Clear to Send (CTS)
M Sync Clock In
N Remote async data out
P RTS
R Sync clk out

73,
Doug, W7KF
http://www.w7kf.com

Brooke Clarke wrote:
>
>
> Hi Steve:
>
> I do not have pin out information for either the PRC-138 or RF-5022.
> I expect there's a connector that has 14 +/- a few contacts that the
> RF-3565 connects to and need it's pin out info.
>
> Have Fun,
>
> Brooke Clarke, N6GCE
> http://www.PRC68.com
> http://www.End2PartyGovernment.com/
>
> Steve Sykes wrote:
> > It is meant to work with an RF-5022 or AN/PRC-138. To do anything it
> > needs an RF-3560 Telephone Interface Unit, which is the unit that makes
> > the connection to a landline. Having the RF-3565 connected to a radio
> > allows the TIU to call it, but really ALE makes the links. The RF-3565
> > will send a phone number over the link after the ALE link is made.
> >
> > Steve KD2OM
> >
> >

> > On 08/23/2011 03:19 PM, Brooke Clarke wrote:
> >
> >> Hi:
> >>
> >> The web page for the RF-3565 Telephone Access Unit is at:
> >> http://www.prc68.com/I/RF3200ET.shtml#RF3565
> >>
> >> Does anyone know what radios it works with?
> >> Also the wiring of the radio connector that gets cabled to J1 on the
> >> RF-3565?
> >>
> >> I ask because I'm trying to figure out how RF-3565-J1 is wired to the
> >> radio. I'm guessing it may be the same as a PRC-25 or PRC-77 since J1
> >> is the same connector that's on those (and many other) radios marked
> >> POWER, but it includes the Rx, Tx audio and PTT lines as well as DC
> power.
> >>
> >> It's interesting the unit came with a 9V battery dated 08-98 which was
> >> leaking acid. I wonder if these units were taken out of service because
> >> the battery died?
> >>
> >> Have Fun,
> >>
> >> Brooke Clarke
> >> http://www.PRC68.com
> >> http://www.End2PartyGovernment.com/
> >>
> >>
> >>
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?
> > Do you need a domain name and don't want to pay a lot for it?
> > Does your IP change every day or even every hour? and you need a way
> to get to you PC from outside your home or business?
> >
> > www.2mypc.netYahoo! Groups Links
> >
> >
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> >
>
>

829. Re: [harris-radio] RF-3565 Telephone Access Unit

Yahoo group: harris-radio
Date: 2011-08-23 23:46:01 UTC
From: Steve Sykes
Topic: 811 Message: 829

Harris made the RF-3565, the RF-3560 was made by JPS with Harris
firmware in it. They are around, but a user would have many more 3565's
than the 3560. I will look for pinout information on the RF-3565. I see
that Doug has sent the 138 pinout to you.

Steve KD2OM
On 08/23/2011 06:40 PM, Brooke Clarke wrote:
>
> Hi Steve:
>
> I do not have pin out information for either the PRC-138 or RF-5022.
> I expect there's a connector that has 14 +/- a few contacts that the
> RF-3565 connects to and need it's pin out info.
>
> Have Fun,
>
> Brooke Clarke, N6GCE
> http://www.PRC68.com
> http://www.End2PartyGovernment.com/
>
> Steve Sykes wrote:
> > It is meant to work with an RF-5022 or AN/PRC-138. To do anything it
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> > the connection to a landline. Having the RF-3565 connected to a radio
> > allows the TIU to call it, but really ALE makes the links. The RF-3565
> > will send a phone number over the link after the ALE link is made.
> >
> > Steve KD2OM
> >
> >
> > On 08/23/2011 03:19 PM, Brooke Clarke wrote:
> >
> >> Hi:
> >>
> >> The web page for the RF-3565 Telephone Access Unit is at:
> >> http://www.prc68.com/I/RF3200ET.shtml#RF3565
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> >> Does anyone know what radios it works with?
> >> Also the wiring of the radio connector that gets cabled to J1 on the
> >> RF-3565?
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> >> I ask because I'm trying to figure out how RF-3565-J1 is wired to the
> >> radio. I'm guessing it may be the same as a PRC-25 or PRC-77 since J1
> >> is the same connector that's on those (and many other) radios marked
> >> POWER, but it includes the Rx, Tx audio and PTT lines as well as DC

> power.
> >>
> >> It's interesting the unit came with a 9V battery dated 08-98 which was
> >> leaking acid. I wonder if these units were taken out of service because
> >> the battery died?
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> >> Have Fun,
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> >> Brooke Clarke
> >> http://www.PRC68.com
> >> http://www.End2PartyGovernment.com/
> >>
> >>
> >>
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?
> > Do you need a domain name and don't want to pay a lot for it?
> > Does your IP change every day or even every hour? and you need a way
> to get to you PC from outside your home or business?
> >
> > www.2mypc.netYahoo! Groups Links
> >
> >
> >
> >
> >
> >
>
>

[Non-text portions of this message have been removed]

830. Re: [harris-radio] RF-3565 Telephone Access Unit

Yahoo group: harris-radio
Date: 2011-08-23 23:53:53 UTC
From: Brooke Clarke
Topic: 811 Message: 830

Hi Steve:

With a fresh battery when switched on (no handset, no radio) it makes a
faint beep sound and the green LED POWER light comes on.
Pressing REQ causes the ACC SND green LED to blink three times. After
18 seconds the red LED ERROR light is blinking.
So there's something about the cable and/or radio that tells the RF-3565
that it's communicating.

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.End2PartyGovernment.com/

Steve Sykes wrote:
> Harris made the RF-3565, the RF-3560 was made by JPS with Harris
> firmware in it. They are around, but a user would have many more 3565's
> than the 3560. I will look for pinout information on the RF-3565. I see
> that Doug has sent the 138 pinout to you.
>
> Steve KD2OM
> On 08/23/2011 06:40 PM, Brooke Clarke wrote:
>
>> Hi Steve:
>>
>> I do not have pin out information for either the PRC-138 or RF-5022.
>> I expect there's a connector that has 14 +/- a few contacts that the
>> RF-3565 connects to and need it's pin out info.
>>
>> Have Fun,
>>
>> Brooke Clarke, N6GCE
>> http://www.PRC68.com
>> http://www.End2PartyGovernment.com/
>>
>> Steve Sykes wrote:
>>
>>> It is meant to work with an RF-5022 or AN/PRC-138. To do anything it
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>>> the connection to a landline. Having the RF-3565 connected to a radio
>>> allows the TIU to call it, but really ALE makes the links. The RF-3565
>>> will send a phone number over the link after the ALE link is made.
>>>
>>> Steve KD2OM
>>>

>>>
>>> On 08/23/2011 03:19 PM, Brooke Clarke wrote:
>>>
>>>
>>>> Hi:
>>>>
>>>> The web page for the RF-3565 Telephone Access Unit is at:
>>>> http://www.prc68.com/I/RF3200ET.shtml#RF3565
>>>>
>>>> Does anyone know what radios it works with?
>>>> Also the wiring of the radio connector that gets cabled to J1 on the
>>>> RF-3565?
>>>>
>>>> I ask because I'm trying to figure out how RF-3565-J1 is wired to the
>>>> radio. I'm guessing it may be the same as a PRC-25 or PRC-77 since J1
>>>> is the same connector that's on those (and many other) radios marked
>>>> POWER, but it includes the Rx, Tx audio and PTT lines as well as DC
>>>>
>> power.
>>
>>>> It's interesting the unit came with a 9V battery dated 08-98 which was
>>>> leaking acid. I wonder if these units were taken out of service because
>>>> the battery died?
>>>>
>>>> Have Fun,
>>>>
>>>> Brooke Clarke
>>>> http://www.PRC68.com
>>>> http://www.End2PartyGovernment.com/
>>>>
>>>>
>>>>
>>>>
>>>
>>> [Non-text portions of this message have been removed]
>>>
>>>
>>>
>>> ------------------------------------
>>>
>>> This Group Brought to you by 2mypc
>>>
>>> Are you with an ISP that gives you a dynamic IP?
>>> Do you need a domain name and don't want to pay a lot for it?
>>> Does your IP change every day or even every hour? and you need a way
>>>
>> to get to you PC from outside your home or business?
>>
>>> www.2mypc.netYahoo! Groups Links
>>>

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> [Non-text portions of this message have been removed]
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>
> ------------------------------------
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> www.2mypc.netYahoo! Groups Links
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831. RF-3200 "E" Upgrade and ALE kits - anybody installed these?

Yahoo group: harris-radio
Date: 2011-08-24 04:20:07 UTC
From: n4be_jim
Topic: 831 Message: 831

Has anybody installed the "E" upgrade kit or the "E" ALE option in their RF-3200? How do you like the "E" compared to the base version?

832. Re: RF-3565 Telephone Access Unit

Yahoo group: harris-radio
Date: 2011-08-24 04:25:02 UTC
From: Mike
Topic: 811 Message: 832

Brooke,
I had the Harris TIU and the smaller handset version of your RF-3565 wired for a PRC-138 and believe it would be very difficult to duplicate the TIU.

When the system is operating with an RF-5022 on the TIU end and a PRC-138 on the subscriber end the system will be scanning ALE channels by default. Placing a call on the subscriber finds the base radio, gets dial tone and dialing from the subscriber sends bursts of data for each digit dialed. In the end its a very cool HF autopatch.

You can dial into the TIU from any phone and a female voice announces you have reached the Harris bla bla bla thingee, then you can select a pre-programmed channel and communicate to anyone on the channel via VOX in the TIU and the fabulous syllabic squelch in the RF-5022. Or you can ring the specific mobile subscriber via ALE.

I had the entire system mostly functional and making phone calls but the feature that selects a pre-programmed channel from a distant telephone was not working and I eventually sold it all to someone who is probably a member of this list.
Mike

--- In harris-radio@yahoogroups.com, Brooke Clarke <brooke@...> wrote:
>
> Hi Steve:
>
> Thanks. I'll check to see if I have info on either of them.
>
> It may be possible to make a functional equivalent of the RF-3560 TIU,
> but first need to get the RF-3565 to output something and for that need
> J1 wiring info.
>
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
> http://www.End2PartyGovernment.com/
>
>
> Steve Sykes wrote:
> > It is meant to work with an RF-5022 or AN/PRC-138. To do anything it
> > needs an RF-3560 Telephone Interface Unit, which is the unit that makes
> > the connection to a landline. Having the RF-3565 connected to a radio
> > allows the TIU to call it, but really ALE makes the links. The RF-3565
> > will send a phone number over the link after the ALE link is made.
> >
> > Steve KD2OM

833. RF-3200 Replacement VFD displays?

Yahoo group: harris-radio
Date: 2011-08-24 04:25:22 UTC
From: n4be_jim
Topic: 833 Message: 833

Anyone located replacement VFD display modules for their 3200? Apparently these are not made any more by Futaba or whoever made them for Harris. They get dim with age of course. Only option seems to be upgrading to the "E" version with LCD. Any ideas on VFD replacements? Tnx/73 Jim N4BE

834. Re: [harris-radio] Re: RF-3565 Telephone Access Unit

Yahoo group: harris-radio
Date: 2011-08-24 14:57:13 UTC
From: Brooke Clarke
Topic: 811 Message: 834

Hi Mike:

Do you have any idea what the RF-3565 sends? My hope is that it's common touch tones and 3900 Hz for the PTT command. But if interfacing to a radio in ALE mode or a radio in synthetic speech mode then maybe something else.

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.End2PartyGovernment.com/

Mike wrote:
> Brooke,
> I had the Harris TIU and the smaller handset version of your RF-3565 wired for a PRC-138 and believe it would be very difficult to duplicate the TIU.
>
> When the system is operating with an RF-5022 on the TIU end and a PRC-138 on the subscriber end the system will be scanning ALE channels by default. Placing a call on the subscriber finds the base radio, gets dial tone and dialing from the subscriber sends bursts of data for each digit dialed. In the end its a very cool HF autopatch.
>
> You can dial into the TIU from any phone and a female voice announces you have reached the Harris bla bla bla thingee, then you can select a pre-programmed channel and communicate to anyone on the channel via VOX in the TIU and the fabulous syllabic squelch in the RF-5022. Or you can ring the specific mobile subscriber via ALE.
>
> I had the entire system mostly functional and making phone calls but the feature that selects a pre-programmed channel from a distant telephone was not working and I eventually sold it all to someone who is probably a member of this list.
> Mike
>
> --- In harris-radio@yahoogroups.com, Brooke Clarke<brooke@...> wrote:
>
>> Hi Steve:
>>
>> Thanks. I'll check to see if I have info on either of them.
>>
>> It may be possible to make a functional equivalent of the RF-3560 TIU,
>> but first need to get the RF-3565 to output something and for that need
>> J1 wiring info.
>>
>> Have Fun,
>>
>> Brooke Clarke

>> http://www.PRC68.com
>> http://www.End2PartyGovernment.com/
>>
>>
>> Steve Sykes wrote:
>>
>>> It is meant to work with an RF-5022 or AN/PRC-138. To do anything it
>>> needs an RF-3560 Telephone Interface Unit, which is the unit that makes
>>> the connection to a landline. Having the RF-3565 connected to a radio
>>> allows the TIU to call it, but really ALE makes the links. The RF-3565
>>> will send a phone number over the link after the ALE link is made.
>>>
>>> Steve KD2OM
>>>
>
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
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from outside your home or business?
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> www.2mypc.netYahoo! Groups Links
>
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>
>
>
>

835. RE: [harris-radio] RF-3200 Replacement VFD displays?

Yahoo group: harris-radio
Date: 2011-08-24 16:39:30 UTC
From: Roger Waldmiller
Topic: 833 Message: 835

Upgrading to an E needs a new front panel assy 10212-2000-20 and a logic bd 10212-1270 + an ALE bd 10212-7750. The older ale will not work in a E, and visa versa the E ale will not work in a non E 3200

The LCD for E's is no longer available from Harris either.

If older units have problems or questions, contact me

Roger

K4alphapapa

waldrgr@...

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of n4be_jim
Sent: Wednesday, August 24, 2011 12:25 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-3200 Replacement VFD displays?

Anyone located replacement VFD display modules for their 3200? Apparently these are not made any more by Futaba or whoever made them for Harris. They get dim with age of course. Only option seems to be upgrading to the "E" version with LCD. Any ideas on VFD replacements? Tnx/73 Jim N4BE

[Non-text portions of this message have been removed]

836. Re: RF-3565 Telephone Access Unit

Yahoo group: harris-radio
Date: 2011-08-25 13:38:35 UTC
From: Mike
Topic: 811 Message: 836

I remember being surprised at the sound of the recovered audio when the buttons were pushed but I don't remember if it was a bleep of tones or just hiss. I do know that it was not a distinguishable telephone DTMF.

I seem to remember the subscriber end could also remotely select encryption on the base unit so there must be some remote control capability between units.

I'll see if the person I sold it to is willing to contact you off line.

Mike

--- In harris-radio@yahoogroups.com, Brooke Clarke <brooke@...> wrote:
>
> Hi Mike:
>
> Do you have any idea what the RF-3565 sends? My hope is that it's
> common touch tones and 3900 Hz for the PTT command. But if interfacing
> to a radio in ALE mode or a radio in synthetic speech mode then maybe
> something else.
>
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
> http://www.End2PartyGovernment.com/
>
>
> Mike wrote:
> > Brooke,
> > I had the Harris TIU and the smaller handset version of your RF-3565 wired for a PRC-138 and believe it would be very difficult to duplicate the TIU.
> >
> > When the system is operating with an RF-5022 on the TIU end and a PRC-138 on the subscriber end the system will be scanning ALE channels by default. Placing a call on the subscriber finds the base radio, gets dial tone and dialing from the subscriber sends bursts of data for each digit dialed. In the end its a very cool HF autopatch.
> >
> > You can dial into the TIU from any phone and a female voice announces you have reached the Harris bla bla bla thingee, then you can select a pre-programmed channel and communicate to anyone on the channel via VOX in the TIU and the fabulous syllabic squelch in the RF-5022. Or you can ring the specific mobile subscriber via ALE.
> >
> > I had the entire system mostly functional and making phone calls but the feature that selects a pre-programmed channel from a distant telephone was not working and I eventually sold it all to someone who is probably a member of this list.
> > Mike

> >
> > --- In harris-radio@yahoogroups.com, Brooke Clarke<brooke@> wrote:
> >
> >> Hi Steve:
> >>
> >> Thanks. I'll check to see if I have info on either of them.
> >>
> >> It may be possible to make a functional equivalent of the RF-3560 TIU,
> >> but first need to get the RF-3565 to output something and for that need
> >> J1 wiring info.
> >>
> >> Have Fun,
> >>
> >> Brooke Clarke
> >> http://www.PRC68.com
> >> http://www.End2PartyGovernment.com/
> >>
> >>
> >> Steve Sykes wrote:
> >>
> >>> It is meant to work with an RF-5022 or AN/PRC-138. To do anything it
> >>> needs an RF-3560 Telephone Interface Unit, which is the unit that makes
> >>> the connection to a landline. Having the RF-3565 connected to a radio
> >>> allows the TIU to call it, but really ALE makes the links. The RF-3565
> >>> will send a phone number over the link after the ALE link is made.
> >>>
> >>> Steve KD2OM
> >>>
> >
> >
> >
> >
> > ------------------------------------
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?
> > Do you need a domain name and don't want to pay a lot for it?
> > Does your IP change every day or even every hour? and you need a way to get to you PC
from outside your home or business?
> >
> > www.2mypc.netYahoo! Groups Links
> >
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>

837. Re: [harris-radio] Re: RF-3565 Telephone Access Unit

Yahoo group: harris-radio
Date: 2011-08-25 17:50:50 UTC
From: Claus Hanke
Topic: 811 Message: 837

I can send the pinout of the RF-3565 J1 and J2 connector. I have never used the RF-3565 but the RF-3575 and it remote controls the Radio via the RS232 interface and you can choose if you want to use the modem built into the handset for any data transfer or the modem in the Radio. So the RF-3575 has two serial ports and I don't see that in the pin description of the RF-3565, but it also has a modem chip built in, so I guess the RS-232 interface is for remote control and data transfer is via the build in modem.
I'm attaching the pinout, but in case it will be removed from the email, send me your email address.
Claus

From: Mike <prcradio@...>
To: harris-radio@yahoogroups.com
Sent: Thursday, August 25, 2011 6:38 AM
Subject: [harris-radio] Re: RF-3565 Telephone Access Unit

I remember being surprised at the sound of the recovered audio when the buttons were pushed but I don't remember if it was a bleep of tones or just hiss. I do know that it was not a distinguishable telephone DTMF.

I seem to remember the subscriber end could also remotely select encryption on the base unit so there must be some remote control capability between units.

I'll see if the person I sold it to is willing to contact you off line.

Mike

--- In harris-radio@yahoogroups.com, Brooke Clarke <brooke@...> wrote:
>
> Hi Mike:
>
> Do you have any idea what the RF-3565 sends? My hope is that it's
> common touch tones and 3900 Hz for the PTT command. But if interfacing
> to a radio in ALE mode or a radio in synthetic speech mode then maybe
> something else.
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> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
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>
>
> Mike wrote:
> > Brooke,
> > I had the Harris TIU and the smaller handset version of your RF-3565 wired for a PRC-138 and believe it would be very difficult to duplicate the TIU.

> >
> > When the system is operating with an RF-5022 on the TIU end and a PRC-138 on the subscriber end the system will be scanning ALE channels by default. Placing a call on the subscriber finds the base radio, gets dial tone and dialing from the subscriber sends bursts of data for each digit dialed. In the end its a very cool HF autopatch.
> >
> > You can dial into the TIU from any phone and a female voice announces you have reached the Harris bla bla bla thingee, then you can select a pre-programmed channel and communicate to anyone on the channel via VOX in the TIU and the fabulous syllabic squelch in the RF-5022. Or you can ring the specific mobile subscriber via ALE.
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> > I had the entire system mostly functional and making phone calls but the feature that selects a pre-programmed channel from a distant telephone was not working and I eventually sold it all to someone who is probably a member of this list.
> > Mike
> >
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> >
> >> Hi Steve:
> >>
> >> Thanks. I'll check to see if I have info on either of them.
> >>
> >> It may be possible to make a functional equivalent of the RF-3560 TIU,
> >> but first need to get the RF-3565 to output something and for that need
> >> J1 wiring info.
> >>
> >> Have Fun,
> >>
> >> Brooke Clarke
> >> http://www.PRC68.com
> >> http://www.End2PartyGovernment.com/
> >>
> >>
> >> Steve Sykes wrote:
> >>
> >>> It is meant to work with an RF-5022 or AN/PRC-138. To do anything it
> >>> needs an RF-3560 Telephone Interface Unit, which is the unit that makes
> >>> the connection to a landline. Having the RF-3565 connected to a radio
> >>> allows the TIU to call it, but really ALE makes the links. The RF-3565
> >>> will send a phone number over the link after the ALE link is made.
> >>>
> >>> Steve KD2OM
> >>>
> >
> >
> >
> >
> > ------------------------------------
> >
> > This Group Brought to you by 2mypc

> >
> > Are you with an ISP that gives you a dynamic IP?
> > Do you need a domain name and don't want to pay a lot for it?
> > Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
> >
> > www.2mypc.netYahoo! Groups Links
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> >
> >
> >
> >
>

[Non-text portions of this message have been removed]

838. Charging BB-590/U

Yahoo group: harris-radio
Date: 2011-08-31 16:28:30 UTC
From: Stuartjmckinnon@aol.com
Topic: 838 Message: 838

Group

I am charging a couple of Old BB-590/U's on the standard Harris Charger the PP 37119, one of the battery's is showing a complete charge on Section 'B' Only, nothing displayed on 'A' side, it's not the charger, i have changed battery position, any thoughts

I am not stuck for batteries as I have the UK equivalent used in Bowman HF radio, and that works well

Cheers

Stuart
G0TBI

[Non-text portions of this message have been removed]

839. Re: [harris-radio] Charging BB-590/U

Yahoo group: harris-radio
Date: 2011-08-31 20:22:44 UTC
From: Brooke Clarke
Topic: 838 Message: 839

Hi Stuart:

Do you really mean the BB-590/U, i.e. Ni-Cad chemistry?
http://www.prc68.com/I/BA5590.shtml#PO

If so, there are two possible problems. One makes the pack look like an open circuit and a possible fix is to increase the charging voltage much higher than normal, until you see some small current flowing, and at the same time set a current limit way below the normal charge (because of the much higher voltage) say 5 ma. After some time the battery may take a partial charge. WARNING: there is a possibility that the battery will explode so do this outdoors away from flammable material. (ask how I know this)

The other possible problem is whiskers shorting out one or more cells. This makes the pack look like it has fewer cells than are in it. A possible fix is to zap the battery using a very large capacitor, Google for zapping Ni-Cad battery to get some ideas. The same WARNING as above applies, it may explode so wear safety goggles and clothing.

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.End2PartyGovernment.com/

Stuartjmckinnon@... wrote:
> Group
>
> I am charging a couple of Old BB-590/U's on the standard Harris Charger the
> PP 37119, one of the battery's is showing a complete charge on Section 'B'
> Only, nothing displayed on 'A' side, it's not the charger, i have changed
> battery position, any thoughts
>
> I am not stuck for batteries as I have the UK equivalent used in Bowman HF
> radio, and that works well
>
> Cheers
>
> Stuart
> G0TBI
>
> [Non-text portions of this message have been removed]
>
>
>

> ----------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
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> www.2mypc.netYahoo! Groups Links
>
>
>
>
>
>

840. Re: [harris-radio] Charging BB-590/U

Yahoo group: harris-radio
Date: 2011-08-31 23:29:42 UTC
From: Steve Sykes
Topic: 838 Message: 840

Stuart,
Many times the battery meters don't read correctly. You haven't mentioned what the voltage of each section of the battery is. The battery construction is two banks of 10 cells. I believe that a ni-cad cell is about 1.35 volts when charged. So if you have an open circuit voltage is less than 13.5 vdc it has bad cells. Usually you lose 1.35 volts per bad cell. If you have a good voltage reading, perhaps the meters can be reset by a few charge/discharge cycles. If not, just ignore it.

Sent from my iPhone
,
On Aug 31, 2011, at 12:28, Stuartjmckinnon@... wrote:

> Group
>
> I am charging a couple of Old BB-590/U's on the standard Harris Charger the
> PP 37119, one of the battery's is showing a complete charge on Section 'B'
> Only, nothing displayed on 'A' side, it's not the charger, i have changed
> battery position, any thoughts
>
> I am not stuck for batteries as I have the UK equivalent used in Bowman HF
> radio, and that works well
>
> Cheers
>
> Stuart
> G0TBI
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

841. WTB RF-1110A Amplifier

Yahoo group: harris-radio
Date: 2011-09-04 01:53:28 UTC
From: vk5abc
Topic: 841 Message: 841

Hello All

I am looking for a RF-1110A only no power supply, if you have one for sale, or know where there is one, please hollar.

73's Lee VK5ABC

842. Harris Repair Technicians

Yahoo group: harris-radio
Date: 2011-09-10 03:45:59 UTC
From: t
Topic: 842 Message: 842

Any one have information on people that can trouble shot and repair a
RF 1310 and RF 350K?

Thanks
Terry

843. Panda rf-3200?

Yahoo group: harris-radio
Date: 2011-09-23 17:47:54 UTC
From: n4be_jim
Topic: 843 Message: 843

I see Panda 3200s on e-pay. Are these Chinese knockoffs or Harris with Panda label? 73 Jim N4be

844. RE: [harris-radio] Panda rf-3200?

Yahoo group: harris-radio
Date: 2011-09-23 20:07:55 UTC
From: Roger Waldmiller
Topic: 843 Message: 844

Hi Jim

Not Sure.

China did have 3200E's starting with serial 4000, and I believe their firmware . You could not calculate the passwords with the American Harris f/w formula.

Question to ask them would be , if they are E's ,

In looking at the photos , they look ALL are 3200 Non E's

I would still ask...

What is the serial # on the label ??

What is the electronic serial #??

What is the f/w on the logic A7 U7??

What is the code date on the U6 sram (5 numbers)??

Are they working??

What options are in units??

What malfunctions are in each.??

What is the bd rev letter on the A7 logic pwb??

How about photos of the top , bottom (with the covers removed), inside would be great also

If they can ans these ques , I can determine age and condition.

They are "not working .parts" it says....not worth 550, 650 1200 ea

Photos show LOTS of WEAR...

With a 100$ shipping charge and the age of these units , I would keep the price low

If not working it will take 100-200 $ to bring it alive

The one with the coupler looks a lot better... good on the internal photos , A3 rxex bd has the extra filters , CW, DaTA

The coupler is a RF 3282...better case than a 3281

Does have the ALE (older ver)

All I see is BUY IT NOW $ .... BIDDING ????

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of n4be_jim
Sent: Friday, September 23, 2011 1:48 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Panda rf-3200?

I see Panda 3200s on e-pay. Are these Chinese knockoffs or Harris with Panda label? 73 Jim N4be

[Non-text portions of this message have been removed]

845. Re: [harris-radio] Panda rf-3200?

Yahoo group: harris-radio
Date: 2011-09-23 20:14:28 UTC
From: Brooke Clarke
Topic: 843 Message: 845

Hi:

The answer I got was:
"U.S. design and production, Japan assembly."

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.End2PartyGovernment.com/

Roger Waldmiller wrote:
> Hi Jim
>
> Not Sure.
>
> China did have 3200E's starting with serial 4000, and I believe their
> firmware . You could not calculate the passwords with the American Harris
> f/w formula.
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> I would still ask...
>
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> What is the f/w on the logic A7 U7??
>
> What is the code date on the U6 sram (5 numbers)??
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> Are they working??
>
> What options are in units??
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> How about photos of the top , bottom (with the covers removed), inside
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>
> If they can ans these ques , I can determine age and condition.
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> They are "not working .parts" it says....not worth 550, 650 1200 ea
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> With a 100$ shipping charge and the age of these units , I would keep the
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> If not working it will take 100-200 $ to bring it alive
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> The one with the coupler looks a lot better... good on the internal photos ,
> A3 rxex bd has the extra filters , CW, DaTA
>
> The coupler is a RF 3282...better case than a 3281
>
> Does have the ALE (older ver)
>
>
>
> All I see is BUY IT NOW $ .... BIDDING ????
>
>
>
> Regards
>
> Roger
>
>
>
> Roger w
>
> waldrgr@...
>
> k4alphapapa
>
> 3200 ,2000,3230,
>
> 5000, 138, 3201
>
> Rochester NY USA
>
>
>
>

>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of n4be_jim
> Sent: Friday, September 23, 2011 1:48 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] Panda rf-3200?
>
>
>
>
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> I see Panda 3200s on e-pay. Are these Chinese knockoffs or Harris with Panda
> label? 73 Jim N4be
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>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ----------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC
from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
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>
>

846. RE: [harris-radio] Panda rf-3200?

Yahoo group: harris-radio
Date: 2011-09-25 19:46:29 UTC
From: Roger Waldmiller
Topic: 843 Message: 846

Hi Brooke:

INTERESTING

"US DESIGN AND PRODUCTION" YES

JAPAN ASSEMBLY NO. Harris to my knowledge never had 3200,
especially the older 3200's assembled in Japan. All 3200's & E's were made
in Rochester NY

Harris did send parts to China for assembly/repair for in country usage.

Roger

K4alphapapa

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of Brooke Clarke
Sent: Friday, September 23, 2011 4:14 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Panda rf-3200?

Hi:

The answer I got was:
"U.S. design and production, Japan assembly."

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.End2PartyGovernment.com/

Roger Waldmiller wrote:
> Hi Jim
>
> Not Sure.
>
> China did have 3200E's starting with serial 4000, and I believe their
> firmware . You could not calculate the passwords with the American Harris
> f/w formula.
>
> Question to ask them would be , if they are E's ,
>
>
>
> In looking at the photos , they look ALL are 3200 Non E's
>

> I would still ask...
>
> What is the serial # on the label ??
>
> What is the electronic serial #??
>
> What is the f/w on the logic A7 U7??
>
> What is the code date on the U6 sram (5 numbers)??
>
> Are they working??
>
> What options are in units??
>
> What malfunctions are in each.??
>
> What is the bd rev letter on the A7 logic pwb??
>
> How about photos of the top , bottom (with the covers removed), inside
> would be great also
>
>
>
> If they can ans these ques , I can determine age and condition.
>
> They are "not working .parts" it says....not worth 550, 650 1200 ea
>
> Photos show LOTS of WEAR...
>
> With a 100$ shipping charge and the age of these units , I would keep the
> price low
>
> If not working it will take 100-200 $ to bring it alive
>
>
>
> The one with the coupler looks a lot better... good on the internal photos
,
> A3 rxex bd has the extra filters , CW, DaTA
>
> The coupler is a RF 3282...better case than a 3281
>
> Does have the ALE (older ver)
>
>
>
> All I see is BUY IT NOW $ .... BIDDING ????
>
>
>

> Regards
>
> Roger
>
>
>
> Roger w
>
> waldrgr@... <mailto:waldrgr%40rochester.rr.com>
>
> k4alphapapa
>
> 3200 ,2000,3230,
>
> 5000, 138, 3201
>
> Rochester NY USA
>
>
>
>
>
> From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
[mailto:harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
] On
> Behalf Of n4be_jim
> Sent: Friday, September 23, 2011 1:48 PM
> To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> Subject: [harris-radio] Panda rf-3200?
>
>
>
>
>
> I see Panda 3200s on e-pay. Are these Chinese knockoffs or Harris with
Panda
> label? 73 Jim N4be
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>

> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
>
>

[Non-text portions of this message have been removed]

847. RF-3200 Missing Page

Yahoo group: harris-radio
Date: 2011-09-26 17:23:19 UTC
From: Al
Topic: 847 Message: 847

Hello from the New Guy,

The .pdf of the RF-3200 Service Manual I have, same as the one linked from this group's files section, is missing Sheet 3 of 5, of Figure 5, , page 28, of the synthesizer section. Can anyone supply this page?

VY 73,
Al - N3FRQ

848. RE: [harris-radio] RF-3200 Missing Page

Yahoo group: harris-radio
Date: 2011-09-26 18:50:51 UTC
From: Roger Waldmiller
Topic: 847 Message: 848

Hello N3FRQ

I can help you out.

I will send a jpg to your e mail.

Al [al@...]

Roger w

<mailto:waldrgr@...> waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Al
Sent: Monday, September 26, 2011 1:23 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-3200 Missing Page

Hello from the New Guy,

The .pdf of the RF-3200 Service Manual I have, same as the one linked from this group's files section, is missing Sheet 3 of 5, of Figure 5, , page 28, of the synthesizer section. Can anyone supply this page?

VY 73,
Al - N3FRQ

[Non-text portions of this message have been removed]

849. Re: [harris-radio] RF-3200 Missing Page

Yahoo group: harris-radio
Date: 2011-09-26 19:36:03 UTC
From: Alex J Rokowetz
Topic: 847 Message: 849

Roger,

I'm the guy who posted those files and didn't realize that a page was missing. Could you send me the JPG as well?

Thanks,

Alex
K2AJR
k2ajr@...

"The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

>_____
>From: Roger Waldmiller <waldrgr@....com>
>To: harris-radio@yahoogroups.com
>Sent: Monday, September 26, 2011 2:50 PM
>Subject: RE: [harris-radio] RF-3200 Missing Page
>
>
>
>Hello N3FRQ
>
>I can help you out.
>
>I will send a jpg to your e mail.
>
>Al [al@...]
>
>Roger w
>
><mailto:waldrgr@...> waldrgr@rochester.rr.com
>
>k4alphapapa
>
>3200 ,2000,3230,
>
>5000, 138, 3201
>
>Rochester NY USA
>
>From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On

>Behalf Of Al
>Sent: Monday, September 26, 2011 1:23 PM
>To: harris-radio@yahoogroups.com
>Subject: [harris-radio] RF-3200 Missing Page
>
>Hello from the New Guy,
>
>The .pdf of the RF-3200 Service Manual I have, same as the one linked from
>this group's files section, is missing Sheet 3 of 5, of Figure 5, , page 28,
>of the synthesizer section. Can anyone supply this page?
>
>VY 73,
>Al - N3FRQ
>
>[Non-text portions of this message have been removed]
>
>
>
>
>

[Non-text portions of this message have been removed]

850. Re: RF-3200 Missing Page

Yahoo group: harris-radio
Date: 2011-09-26 23:16:34 UTC
From: Al
Topic: 847 Message: 850

Thanks to Roger I got the page, and I've inserted it into the original .pdf file. Is there any reason I shouldn't post this 7-MB file to the "Files" section of this group?

Al

--- In harris-radio@yahoogroups.com, "Roger Waldmiller" <waldrgr@...> wrote:
>
> Hello N3FRQ
>
> I can help you out.
>
> I will send a jpg to your e mail.
>
> Al [al@...]
>
>
>
>
>
> Roger w
>
> <mailto:waldrgr@...> waldrgr@...
>
> k4alphapapa
>
> 3200 ,2000,3230,
>
> 5000, 138, 3201
>
> Rochester NY USA
>
>
>
>
>
>
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Al
> Sent: Monday, September 26, 2011 1:23 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] RF-3200 Missing Page
>
>
>

>
>
> Hello from the New Guy,
>
> The .pdf of the RF-3200 Service Manual I have, same as the one linked from
> this group's files section, is missing Sheet 3 of 5, of Figure 5, , page 28,
> of the synthesizer section. Can anyone supply this page?
>
> VY 73,
> Al - N3FRQ
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

851. Re: [harris-radio] Re: RF-3200 Missing Page

Yahoo group: harris-radio
Date: 2011-09-27 00:41:03 UTC
From: Alex J Rokowetz
Topic: 847 Message: 851

Al,

If I remember correctly, Yahoo will not let you post a file greater than 5MB in size. That's why I posted a link to the file instead of tha posting the actual file. If you like, send me the file and I will repost a new link to it.

Alex
K2AJR

"The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

>_____
>From: Al <al@...t>
>To: harris-radio@yahoogroups.com
>Sent: Monday, September 26, 2011 7:16 PM
>Subject: [harris-radio] Re: RF-3200 Missing Page
>
>
>
>Thanks to Roger I got the page, and I've inserted it into the original .pdf file. Is there any reason I shouldn't post this 7-MB file to the "Files" section of this group?
>
>Al
>
>--- In harris-radio@yahoogroups.com, "Roger Waldmiller" <waldrgr@...> wrote:
>>
>> Hello N3FRQ
>>
>> I can help you out.
>>
>> I will send a jpg to your e mail.
>>
>> Al [al@...]
>>
>>
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>>
>>
>> Roger w
>>
>> <mailto:waldrgr@...> waldrgr@...
>>

>> k4alphapapa
>>
>> 3200 ,2000,3230,
>>
>> 5000, 138, 3201
>>
>> Rochester NY USA
>>
>>
>>
>>
>>
>>
>>
>> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
>> Behalf Of Al
>> Sent: Monday, September 26, 2011 1:23 PM
>> To: harris-radio@yahoogroups.com
>> Subject: [harris-radio] RF-3200 Missing Page
>>
>>
>>
>>
>>
>> Hello from the New Guy,
>>
>> The .pdf of the RF-3200 Service Manual I have, same as the one linked from
>> this group's files section, is missing Sheet 3 of 5, of Figure 5, , page 28,
>> of the synthesizer section. Can anyone supply this page?
>>
>> VY 73,
>> Al - N3FRQ
>>
>>
>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>
>
>
>
>

[Non-text portions of this message have been removed]

852. Re: RF-3200 Missing Page

Yahoo group: harris-radio
Date: 2011-09-28 03:51:23 UTC
From: Al
Topic: 847 Message: 852

Alex and the Group,

The file with the missing page inserted is here;

ftp://www.ar88.net/Radio/Harris-RF-3200-Service-Manual-%28repaired%29.pdf

Enjoy,
Al

853. RF-3200 Weak Mic Gain

Yahoo group: harris-radio
Date: 2011-09-30 16:29:33 UTC
From: Al
Topic: 853 Message: 853

Group,

I've been working my way through a 3200 for a friend. While tracking down a microphone level problem, I discovered that there was a wrong-value resistor seemingly factory installed.

The culprit was R-17 on the A2 audio board. Prescribed value is 33K ohms, but a 3.3K device was installed. The result was that U2, the mic preamp was now providing a 4.8 dB loss rather than a 5.2 dB gain, leaving the audio chain at a 10 dB deficit.

Then I reread KB0SFP's review on eham.net: "By all accounts it has excellent TX audio processing though you must almost scream into the mic to achieve it(very low mic sensitivity). Wirering alternate mics & internal adjustments have had no difference." If you have this symptom, perhaps you should check A2-R17.

Regards,
Al

854. Re: [harris-radio] RF-3200 Weak Mic Gain

Yahoo group: harris-radio
Date: 2011-10-01 00:05:09 UTC
From: Gord Skiffington
Topic: 853 Message: 854

Good catch Al - duly noted in my service manual. Note the schematic indicates that the gain of this stage should be 6.6db (from C15 to the output of U2, pin 1).

--- On Fri, 9/30/11, Al <al@...> wrote:

From: Al <al@ar88.net>
Subject: [harris-radio] RF-3200 Weak Mic Gain
To: harris-radio@yahoogroups.com
Received: Friday, September 30, 2011, 12:29 PM

Group,

I've been working my way through a 3200 for a friend. While tracking down a microphone level problem, I discovered that there was a wrong-value resistor seemingly factory installed.

The culprit was R-17 on the A2 audio board. Prescribed value is 33K ohms, but a 3.3K device was installed. The result was that U2, the mic preamp was now providing a 4.8 dB loss rather than a 5.2 dB gain, leaving the audio chain at a 10 dB deficit.

Then I reread KB0SFP's review on eham.net: "By all accounts it has excellent TX audio processing though you must almost scream into the mic to achieve it(very low mic sensitivity). Wirering alternate mics & internal adjustments have had no difference." If you have this symptom, perhaps you should check A2-R17.

Regards,
Al

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

855. Re: RF-3200 Weak Mic Gain

Yahoo group: harris-radio
Date: 2011-10-02 04:00:25 UTC
From: Al
Topic: 853 Message: 855

Gord,

Just to set the record straight. I don't understand where they got 6.6dB. I did have an error in my original calculations though. The voltage gain of that stage should be R17/R16 = 33K/10K = 3.3. In decibels that's 20 log Vout/Vin = 20 log 3.3/1 = 10.37 dB.

With a 3.3K in place of the 33K, the gain becomes 3.3K/10K = .33 or 20 log Vout/Vin = 20 log .33/1 = -9.63 dB. So the total gain difference would be 20 dB. That's pretty significant.

The 1000pF cap across R17 is going to reduce gain at higher frequencies, but that won't set in until about 10 KHz.

Al

--- In harris-radio@yahoogroups.com, Gord Skiffington <ve1ajf@...> wrote:
>
> Good catch Al - duly noted in my service manual. Note the schematic indicates that
> the gain of this stage should be 6.6db (from C15 to the output of U2, pin 1).
>
> --- On Fri, 9/30/11, Al <al@...> wrote:
>
>
> From: Al <al@...>
> Subject: [harris-radio] RF-3200 Weak Mic Gain
> To: harris-radio@yahoogroups.com
> Received: Friday, September 30, 2011, 12:29 PM
>
>
> Group,
>
> I've been working my way through a 3200 for a friend. While tracking down a microphone level problem, I discovered that there was a wrong-value resistor seemingly factory installed.
>
> The culprit was R-17 on the A2 audio board. Prescribed value is 33K ohms, but a 3.3K device was installed. The result was that U2, the mic preamp was now providing a 4.8 dB loss rather than a 5.2 dB gain, leaving the audio chain at a 10 dB deficit.
>
> Then I reread KB0SFP's review on eham.net: "By all accounts it has excellent TX audio processing though you must almost scream into the mic to achieve it(very low mic sensitivity). Wirering alternate mics & internal adjustments have had no difference." If you have this symptom, perhaps you should check A2-R17.
>
> Regards,
> Al

>
>
>
> ----------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>

856. Harris RF-5382 and RF382 coupler wiring

Yahoo group: harris-radio
Date: 2011-10-02 16:38:01 UTC
From: mike kendall
Topic: 856 Message: 856

Greetings all,

I own an RF-350K (RT-1446). I use a manual coupler with it. I understand that both the RF--382 and the RF-5382 will work with the RT-1446, is this correct? If so, that means that the control cable pin-out is the same for both as well and a control cable for either will work. Would anyone be able to email me the pin-out of the RF-382 and the RF-5382 couplers? I will need to know what each signal is on each pin of the connector. I'm assuming that part of this pin-out is the logic to tell the coupler what frequency is being used. Advanced thanks and best regards,

Mike Kendall KE6CVH

[Non-text portions of this message have been removed]

857. Re: Harris RF-5382 and RF382 coupler wiring

Yahoo group: harris-radio
Date: 2011-10-02 16:48:35 UTC
From: Tisha Hayes
Topic: 856 Message: 857

I own several RF-350K's and two RF-382's. The cable is pretty straighforward. There is minimal logic inside of the RF-382 as the tuning "mentality" resides in the RF-350K.

I do suggest that if you incorporate the RF-382 into an RF-350K that you make a bulkhead surge protector for the control cable. The connector end-shells are not that hard to find and you can build two of them into an aluminum box and add MOV's for the 120 VAC and the DC control voltages and then ground the aluminum box. The cable ends were not that hard to find either and I made a 20' long control cable between the RF-350K and the bulkhead protector.

I ended up using a 16 conductor control cable with 16 AWG stranded wire and a braid/foil shield. I think you can put one of the other Harris manual controllers in place of an RF-350K and one time I ran across a manual control schematic that would change the values of L and C in the tuner. It was a pretty low-tech solution as the manual tuner did not have any automatic functionality or memory restoration of a previous tuned condition. Someone "could" make a logic device to make it an auto-tune (return to previous best tuned position based on frequency) type circuit.

--
Ms. Tisha Hayes/ AA4HA
-
?If toast always lands butter-side down, and cats always land on their feet, what happens if you strap toast on the back of a cat and drop it?? Steven Wright

[Non-text portions of this message have been removed]

858. Re: [harris-radio] Harris RF-5382 and RF382 coupler wiring

Yahoo group: harris-radio
Date: 2011-10-03 00:08:08 UTC
From: Steve Sykes
Topic: 856 Message: 858

The RF-5382 will only work with the RF-5800 and newer radios. The RF-382 will work on it's own with a manual control box or work with most of the radios we have produced over the last 20 years or so.

Steve KD2OM

On 10/2/2011 12:38 PM, mike kendall wrote:
>
> Greetings all,
>
> I own an RF-350K (RT-1446). I use a manual coupler with it. I
> understand that both the RF--382 and the RF-5382 will work with the
> RT-1446, is this correct? If so, that means that the control cable
> pin-out is the same for both as well and a control cable for either
> will work. Would anyone be able to email me the pin-out of the RF-382
> and the RF-5382 couplers? I will need to know what each signal is on
> each pin of the connector. I'm assuming that part of this pin-out is
> the logic to tell the coupler what frequency is being used. Advanced
> thanks and best regards,
>
> Mike Kendall KE6CVH
>
>
> [Non-text portions of this message have been removed]
>
>
> ---
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 10.0.1410 / Virus Database: 1520/3933 - Release Date: 10/02/11
>

[Non-text portions of this message have been removed]

859. FIRMWARE 604M CHANGE

Yahoo group: harris-radio
Date: 2011-10-03 14:27:34 UTC
From: sacole37
Topic: 859 Message: 859

HELLO GROUP,

It has come to my attention recently that I cannot access memory channels above channel 49. I have been told that firmware version
604M added the capability for split operation by allowing the user
to store separate RX/TX frequencies for each channel thereby reducing
the number of channels to 50. Does anyone have any info on how to
program a memory channel for split operation?

Stuart
n5lbz

860. Re: [harris-radio] Re: RF-3200 Weak Mic Gain

Yahoo group: harris-radio
Date: 2011-10-14 17:30:30 UTC
From: Gord Skiffington
Topic: 853 Message: 860

Howdy Al. I wish I had an RF3200 here to play with :) Your basic gain calculation for that stage is correct for that device when it's operated below the point where the frequency response of the MC3358 rolls off.....which, if I'm interpreting the datasheet correctly, is pretty low....about 5Hz where it starts! At about 300Hz I read the reduction in open-loop gain vs freq chart to show about 70%....and at 3000Hz about 50%. These figures I chose somewhat empiracly to reflect often published freq response figures for voice transmission. If you average these and take the median, you arrive about 62.5%....applied to your calculation is pretty close to that 6.6db gain figure. Perhaps Harris noted that stage gain at a test freq...1KHz maybe. I suspect you scoped your unit under repair and wonder what you actually observed?

That's my best guess!

73 - Gord VE1AJF

--- On Sun, 10/2/11, Al <al@...> wrote:

> From: Al <al@...>
> Subject: [harris-radio] Re: RF-3200 Weak Mic Gain
> To: harris-radio@yahoogroups.com
> Received: Sunday, October 2, 2011, 12:00 AM
> Gord,
>
> Just to set the record straight. I don't understand
> where they got 6.6dB. I did have an error in my
> original calculations though. The voltage gain of that
> stage should be R17/R16 = 33K/10K = 3.3. In decibels
> that's 20 log Vout/Vin = 20 log 3.3/1 = 10.37 dB.
>
> With a 3.3K in place of the 33K, the gain becomes 3.3K/10K
> = .33 or 20 log Vout/Vin = 20 log .33/1 = -9.63 dB. So
> the total gain difference would be 20 dB. That's
> pretty significant.
>
> The 1000pF cap across R17 is going to reduce gain at higher
> frequencies, but that won't set in until about 10 KHz.
>
> Al
>
>
> --- In harris-radio@yahoogroups.com,
> Gord Skiffington <ve1ajf@...> wrote:
> >
> > Good catch Al - duly noted in my service manual.
> Note the schematic indicates that
> > the gain of this stage should be 6.6db (from C15 to

> the output of U2, pin 1).
> >
> > --- On Fri, 9/30/11, Al <al@...> wrote:
> >
> >
> > From: Al <al@...>
> > Subject: [harris-radio] RF-3200 Weak Mic Gain
> > To: harris-radio@yahoogroups.com
> > Received: Friday, September 30, 2011, 12:29 PM
> >
> >
> > Group,
> >
> > I've been working my way through a 3200 for a
> friend. While tracking down a microphone level problem, I
> discovered that there was a wrong-value resistor seemingly
> factory installed.
> >
> > The culprit was R-17 on the A2 audio board.
> Prescribed value is 33K ohms, but a 3.3K device was
> installed. The result was that U2, the mic preamp was now
> providing a 4.8 dB loss rather than a 5.2 dB gain, leaving
> the audio chain at a 10 dB deficit.
> >
> > Then I reread KB0SFP's review on eham.net: "By all
> accounts it has excellent TX audio processing though you
> must almost scream into the mic to achieve it(very low mic
> sensitivity). Wirering alternate mics & internal
> adjustments have had no difference." If you have this
> symptom, perhaps you should check A2-R17.
> >
> > Regards,
> > Al
> >
> >
> >
> > ------------------------------------
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?
> > Do you need a domain name and don't want to pay a lot
> for it?
> > Does your IP change every day or even every hour? and
> you need a way to get to you PC from outside your home or
> business?
> >
> > www.2mypc.netYahoo! Groups Links
> >
>

>
>
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> ----------
>
> This Group Brought to you by 2mypc
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> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for
> it?
> Does your IP change every day or even every hour? and you
> need a way to get to you PC from outside your home or
> business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>   harris-radio-fullfeatured@yahoogroups.com
>
>
>

862. PRC-320 and Prc-351 for sale

Yahoo group: harris-radio
Date: 2011-10-24 03:35:29 UTC
From: martin
Topic: 862 Message: 862

Batteries and empty cases for sale

Hi guys I am taking orders again for the prc-320, 319, 351 batteries,as i will be back from sea again next week, I have
good plastic cased batteries and also I am stripping down plastic and metal cased batteries for shipping.

Good plastic batteries £10.00each
Empty metal cases £8.00 each
Empty Plastic cases £8.00 each

Please email me at g7jwr@...

Martin G7JWR

863. rf-590H Help!

Yahoo group: harris-radio
Date: 2011-10-24 12:26:40 UTC
From: iw2brb
Topic: 863 Message: 863

Hello,
I had a failure in my RF-590H.
Found a burned resistor and tantalium capacitor on A9 ASSY 10151-4900 ADAPTER assy. Need schematic of A9 module or any help to identifie parts.
Many thanks and regards,
Francesco

864. RF-590 10215-6650 Preselector

Yahoo group: harris-radio
Date: 2011-11-01 15:55:49 UTC
From: MillerTE_99
Topic: 864 Message: 864

Got a pre-selector that's not working quite right and need to find some docs for it.

Can any one help me find one?

Thanks,

Tom Miller
WB8ICT@comcast.net
304-546-0673

865. A23 help

Yahoo group: harris-radio
Date: 2011-11-05 12:11:26 UTC
From: vk5abc
Topic: 865 Message: 865

Hello Everyone

Is there anyone here with the A23 option on their RF-590/A/R2368.
I used to have the sizes of this pwb, however I have lost the details.
I am making another attempt to design a replacement pwb this time using SMD.

73's Lee

866. RF-5020 exciter Manual

Yahoo group: harris-radio
Date: 2011-11-09 02:16:54 UTC
From: Norman
Topic: 866 Message: 866

Group,

Does anyone know of a source for the operators and/or maintenance manuals for the RF-5020 and associated amps, couplers, etc?

Thanks, Norman WB4VYQ

867. RE: [harris-radio] RF-5020 exciter Manual

Yahoo group: harris-radio
Date: 2011-11-11 16:39:19 UTC
From: Roger Waldmiller
Topic: 866 Message: 867

Hello WB4VYQ and all;

5020 , extinct, so to say. Very hard to find manuals. I only seen 1 at Harris Prod Service and that was a OLD copy.

FYI ,

the A1 synth bd ,

A2 RxEx bd (consists of 3 pwb bds, the digital bdis Different,

A7 power supply,

A10 mother bd and

some parts of the A20 front panel are THE SAME AS THE 5022 RT.

A2B, A4,A5,A6, A8, A9, A11 are all different from the later models although much of the circuitry is the same just laid out differently with earlier components.

I am only guessing that there might be MIL manuals around???

The Pa amps are the 5030 20 watt , 5031, 5032, 125watt and the 5034 400 watt

The coupler was the famous 382 for the 125w and 400w , the 20 w had its own coupler

I may be able to help with some .

Regards

Roger

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Norman
Sent: Tuesday, November 08, 2011 9:17 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5020 exciter Manual

Group,

Does anyone know of a source for the operators and/or maintenance manuals for the RF-5020 and associated amps, couplers, etc?

Thanks, Norman WB4VYQ

[Non-text portions of this message have been removed]

868. R-2368

Yahoo group: harris-radio
Date: 2011-11-13 15:56:20 UTC
From: vk5abc
Topic: 868 Message: 868

Hello All

It seems I ask all the hard/impossible questions, well here's another.
Has anyone got a circuit for noise blanker for the R-2368/R-590A receiver? I asked about the A23 audio pwb but looks like no one has a receiver with this option. Thanks in advance.

best of 73's Lee.

869. Re: [harris-radio] R-2368

Yahoo group: harris-radio
Date: 2011-11-13 16:54:54 UTC
From: Stuart
Topic: 868 Message: 869

Hello Lee

I have info on the boards from a 590 I have attached a pdf file on the A23 board. If you would like the rest send me ur address and
I will send them to you on a CD.

Stuart
n5lbz

From: vk5abc
Sent: Sunday, November 13, 2011 9:56 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] R-2368

Hello All

It seems I ask all the hard/impossible questions, well here's another.
Has anyone got a circuit for noise blanker for the R-2368/R-590A receiver? I asked about the A23 audio pwb but looks like no one has a receiver with this option. Thanks in advance.

best of 73's Lee.

[Non-text portions of this message have been removed]

870. AM-7223/urc help

Yahoo group: harris-radio
Date: 2011-11-14 15:19:56 UTC
From: vk5abc
Topic: 870 Message: 870

Hello Everyone

Here we go again, I have a AM-7223/URC and the blower fan bearings are just plain worn out and have got very noisy. I am looking for a replacement fan. Has anyone replaced their fan with a DC fan or even a 60hz ac fan.

The original spec states the fan is 200cfm, however I am thinking that a 100-120 cfm fan may be good enough as I will only be using it on ssb and have no plans for rtty.

BTW the only new 400hz replacement I could find costs $275.00, I just can't afford that, as I have just lost my job.

73's Lee.

871. RT1446/RF350K C11329 Remote Control version M firmware

Yahoo group: harris-radio
Date: 2011-11-16 21:48:39 UTC
From: w8ozy
Topic: 871 Message: 871

I am trying to upgrade my RF350k and CU-11329 Harris Remote Control to version M software. I got new version M firmware for my RF350(U16, U17,U18).

To finish this project I need version M firmware for the CU-11329 Remote Control. Can anyone help me getting version M firmware (PROM U12) for the remote control or PROM U12 Image files?

Thanks for any help!

872. Re: FIRMWARE 604M CHANGE

Yahoo group: harris-radio
Date: 2011-11-17 13:17:50 UTC
From: w8ozy
Topic: 859 Message: 872

Stuart
I have a one page instruction sheet on how to program a software version M RF350K for split frequency operation. If you like I will scan it and email it to you.

Roger, w8ozy

--- In harris-radio@yahoogroups.com, "sacole37" <n5lbz@...> wrote:
>
> HELLO GROUP,
>
> It has come to my attention recently that I cannot access memory channels above channel 49. I have been told that firmware version
> 604M added the capability for split operation by allowing the user
> to store separate RX/TX frequencies for each channel thereby reducing
> the number of channels to 50. Does anyone have any info on how to
> program a memory channel for split operation?
>
> Stuart
> n5lbz
>

873. Re: [harris-radio] Re: FIRMWARE 604M CHANGE

Yahoo group: harris-radio
Date: 2011-11-17 16:16:18 UTC
From: dave
Topic: 859 Message: 873

roger would you post the instructions to the files section, please

dave k7da

w8ozy wrote:
> Stuart
> I have a one page instruction sheet on how to program a software version M RF350K for split frequency operation. If you like I will scan it and email it to you.
>
> Roger, w8ozy
>

874. Re: [harris-radio] Re: FIRMWARE 604M CHANGE

Yahoo group: harris-radio
Date: 2011-11-17 16:52:49 UTC
From: Stuart
Topic: 859 Message: 874

TNX for the offer Roger but I have it working.

Stuart
n5lbz

From: w8ozy
Sent: Thursday, November 17, 2011 7:17 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: FIRMWARE 604M CHANGE

Stuart
I have a one page instruction sheet on how to program a software version M RF350K for split frequency operation. If you like I will scan it and email it to you.

Roger, w8ozy

--- In mailto:harris-radio%40yahoogroups.com, "sacole37" <n5lbz@...> wrote:
>
> HELLO GROUP,
>
> It has come to my attention recently that I cannot access memory channels above channel 49. I have been told that firmware version
> 604M added the capability for split operation by allowing the user
> to store separate RX/TX frequencies for each channel thereby reducing
> the number of channels to 50. Does anyone have any info on how to
> program a memory channel for split operation?
>
> Stuart
> n5lbz
>

[Non-text portions of this message have been removed]

875. Re: RF-590 10215-6650 Preselector

Yahoo group: harris-radio
Date: 2011-11-17 21:34:04 UTC
From: nur_serinken
Topic: 864 Message: 875

Hi Tom
I have documentation for RF-590 internal pre selector/post selector [RF-596A-02/RF1317A (A19 assembly)] and external RF-591/RF-1371A
pre /post selector. Will they be any help to you?

--- In harris-radio@yahoogroups.com, "MillerTE_99" <tom.e.miller@...> wrote:
>
> Got a pre-selector that's not working quite right and need to find some docs for it.
>
> Can any one help me find one?
>
> Thanks,
>
> Tom Miller
> WB8ICT@...
> 304-546-0673
>

876. RF-590A IF bandwidth 20 kHz

Yahoo group: harris-radio
Date: 2011-11-17 21:37:49 UTC
From: nur_serinken
Topic: 876 Message: 876

Hello All,
Is it possible to modify the IF bandwidth of RF-590A to 20 or 24 kHz for the rear panel IF output connection?
Thanks.

877. RE: [harris-radio] Re: RF-590 10215-6650 Preselector

Yahoo group: harris-radio
Date: 2011-11-17 23:35:56 UTC
From: Tom E. Miller
Topic: 864 Message: 877

Thanks for your reply.

The pre-selector that I have is the new digital unit.

It has lots of holes in the top cover for coil adjustment

And does NOT have an interface on one end. It is just a plane

Solid box with the holes in the top cover.

I believe it is the same unit that was in the 590A units.

MY 590 is a very late model and does not have the original

pre-selector which had the solid top cover and the small interface

board on one end.

The number that I listed is the number, 10215-6650,

that is on the tag which is on the end of the unit.

All connections are the same and as far as I know, they are interchangeable.

The newer one changes relay positions about every 250 KHZ's while the older one

Only has about 7 or 8 bands.

I am not familiar with the numbers that you have listed but maybe

You can look at these documents and see what the pictures look like.

Mine is a solid box with the top cover with 18 or 20 holes in the top of it for coil

Adjustments. There are two boards in the unit. One is on the top with the coils

On it and the other board on the bottom is the CPU and control board.

Thank you for your help.

Tom Miller

WB8ICT

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of nur_serinken
Sent: Thursday, November 17, 2011 4:34 PM

To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-590 10215-6650 Preselector

Hi Tom
I have documentation for RF-590 internal pre selector/post selector
[RF-596A-02/RF1317A (A19 assembly)] and external RF-591/RF-1371A
pre /post selector. Will they be any help to you?

--- In harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
, "MillerTE_99" <tom.e.miller@...> wrote:
>
> Got a pre-selector that's not working quite right and need to find some
docs for it.
>
> Can any one help me find one?
>
> Thanks,
>
> Tom Miller
> WB8ICT@...
> 304-546-0673
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1872 / Virus Database: 2092/4622 - Release Date: 11/17/11

[Non-text portions of this message have been removed]

879. K7DA--- FIRMWARE 604M CHANGE

Yahoo group: harris-radio
Date: 2011-11-18 00:17:40 UTC
From: w8ozy
Topic: 859 Message: 879

Check file section---file name---RF350split.pdf

You're Welcome!

--- In harris-radio@yahoogroups.com, dave <oldbeeman@...> wrote:
>
> roger would you post the instructions to the files section, please
>
> dave k7da
>
> w8ozy wrote:
> > Stuart
> > I have a one page instruction sheet on how to program a software version M RF350K for split frequency operation. If you like I will scan it and email it to you.
> >
> > Roger, w8ozy
> >
>

881. Re: [harris-radio] Re: FIRMWARE 604M SPLIT FREQ OPERATION

Yahoo group: harris-radio
Date: 2011-11-18 01:34:16 UTC
From: Stuart
Topic: 881 Message: 881

Good Evening to all

The file RF350split.pdf in the files section will tell you how to program a channel for split operation
it then goes on to tell you to do the same for channels 00 to 99, which is not exactly true.
Most RF350K's were mfg with two TC5516 2K X 8 CMOS static RAM chips. In which the channel information
is stored. In order to make room for the separate TX freq for the split channels firmware 604M reduces the
number of channels to 50.

However, if you take a close look at the board just above U20 you will see two holes on either side and in
line with the pins. These are so U20 can be replaced with a TC5564 8K X 8 chip. The TC5516 is a 24 pin chip
the TC5564 is a 28 pin chip hence the need for the extra 4 holes. All of the pins will match up except for
3 but these can be reconfigured by changing the jumpers between some of the EXX terminals.

If the control board part number for your radio has a –01 on the end then this mod has been done.

Stuart

From: w8ozy
Sent: Thursday, November 17, 2011 6:03 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: FIRMWARE 604M CHANGE

Look in the files section---file name RF350split.pdf
Your welcome!

--- In mailto:harris-radio%40yahoogroups.com, dave <oldbeeman@...> wrote:
>
> roger would you post the instructions to the files section, please
>
> dave k7da
>
> w8ozy wrote:
> > Stuart
> > I have a one page instruction sheet on how to program a software version M RF350K for split frequency operation. If you like I will scan it and email it to you.
> >
> > Roger, w8ozy
> >
>

[Non-text portions of this message have been removed]

882. FA: Harris 25 MHz Lowpass Filter

Yahoo group: harris-radio
Date: 2011-11-18 13:20:36 UTC
From: Alex J Rokowetz
Topic: 882 Message: 882

Guys,

This is mine:

http://www.ebay.com/itm/260893657639?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649

eBay Item Number: 260893657639

Thanks,

Alex
K2AJR

"The budget should be balanced, the Treasury should be refilled, public debt should be reduced, the arrogance of officialdom should be tempered and controlled, and the assistance to foreign lands should be curtailed lest Rome become bankrupt. People must again learn to work, instead of living on public assistance."
- Cicero - 55 BC

[Non-text portions of this message have been removed]

883. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2011-11-18 20:10:33 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 883

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /RF350K-addendum.pdf
Uploaded by : w8ozy <w8ozy@...>
Description : RF350 Split Freq. ADDENDUM

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/RF350K-addendum.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

w8ozy <w8ozy@...>

884. Re: [harris-radio] RF-590A IF bandwidth 20 kHz

Yahoo group: harris-radio
Date: 2011-11-19 04:47:57 UTC
From: Steve Sykes
Topic: 876 Message: 884

You would have to change the 40.455 filter in the first converter.
Depending on which one you have, it is a 20 KHz or 6.8 KHz now.

Steve KD2OM
On 11/17/2011 4:37 PM, nur_serinken wrote:
>
> Hello All,
> Is it possible to modify the IF bandwidth of RF-590A to 20 or 24 kHz
> for the rear panel IF output connection?
> Thanks.
>
>

[Non-text portions of this message have been removed]

885. RF-355 Amplifier - Plate current (iK) question

Yahoo group: harris-radio
Date: 2011-11-21 15:21:46 UTC
From: Jon-KB1DC
Topic: 885 Message: 885

Wondering if owners are running they plate current higher than what is specified in the maintenace manual. I believe it's stating 212ma while I'm running around 360ma. I'm passing my BITE test. BTW, R96? (iK) pot is not a linear adjustment (at least on mine) and it seems like I can't get down to the specified value.

Anyone have any experience with this calibration point??

Thanks,
Jon

886. FA: Harris RF3200, RF3200T Service & Technical Manuals

Yahoo group: harris-radio
Date: 2011-11-22 20:32:42 UTC
From: Alex J Rokowetz
Topic: 886 Message: 886

I have professionally printed copies of the operator and service manuals for the RF-3200 & RF-3200T transeivers listed on eBay. I no longer have these radios, so the manuals are surplus to my needs.

RF3200 & RF3200 Operator Manuals
http://www.ebay.com/itm/260897252506?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649
Ebay Item Number: 260897252506
 RF3200 & RF3200 Service Manuals
http://www.ebay.com/itm/260896461518?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649
Ebay Item Number: 260896461518

Thanks for loooking.

Alex
K2AJR

[Non-text portions of this message have been removed]

887. rf-5020 vs RF-5022

Yahoo group: harris-radio
Date: 2011-11-23 03:49:19 UTC
From: Norman
Topic: 887 Message: 887

Gentlemen of the Harris Group,

In you opinions, what is the better radio, the 5020 or the 5022?

73, Norm WB4VYQ

888. Re: [harris-radio] rf-5020 vs RF-5022

Yahoo group: harris-radio
Date: 2011-11-23 07:21:46 UTC
From: Steve Sykes
Topic: 887 Message: 888

The RF-5022 is more advanced with a better display but slower switching between rx to tx.
If you want to use it for pactor or amtor the RF-5020 is better.
73 Steve KD2OM

Sent from my iPhone

On Nov 23, 2011, at 4:49, "Norman" <wb4vyq@...> wrote:

> Gentlemen of the Harris Group,
>
> In you opinions, what is the better radio, the 5020 or the 5022?
>
> 73, Norm WB4VYQ
>
>

[Non-text portions of this message have been removed]

889. Re: rf-5020 vs RF-5022

Yahoo group: harris-radio
Date: 2011-11-23 15:03:39 UTC
From: Mike
Topic: 887 Message: 889

I've had several RF-5020s, 5022s and a 5022(E) over the years and would say the 5020 is best suited for amateur use. They all appear to have the same receiver/exciter card so the performance should be the same.

You can scroll tune in any increment with the 5020 and it will continue to tune and advance to the next column where the 5022 will not advance. The 5020 also has direct keyboard access to nearly every function like RF gain, speech compression and other parameters without connecting a computer. The speaker audio seems a bit louder on the 5020 over the later model 5022s, maybe they had a blown speaker problem in the 5020 and toned it down in the 5022?

All RF-5022s I have seen have a low level gunge sound in the transmit audio which is not present in the 5020 or 5022(E). If you want mil std ALE your more likely to find it in a 5022 and I have only heard of one 5020 with it. Otherwise the ALE found in most 5020s is an early Harris version that is not completely compatible with the current mil std ALE.

The 5020 and 5022 are easy to upgrade if you can find cards and the firmware is not too out of date for the R/T, just plug in the card and enable on the front panel. The 5022(E) is not so easy, an EEPROM has to be updated on the mother board to enable the feature and only the factory can do this to my knowledge.

Otherwise the 5022(E) retains some of the keyboard access to some parameters like the 5020 and does not seem to have the transmit audio gunge. The 5022(E) was the last version made before this magnificent line of radios was discontinued just a few years ago.

Prices vary all over the map on these with some 5020s passed around in the $500 range and a fully loaded 5022 with mil ALE, hopping, digital voice and encryption going for up to several thousand $$. Amplifiers are a different story and used to be scarce but a UK source occasionally has the 125w version in the $700 range. The 400w amps are scarce and expensive and I've only heard of two 20w coupler/amps in the collector community.
Mike

--- In harris-radio@yahoogroups.com, "Norman" <wb4vyq@...> wrote:
>
> Gentlemen of the Harris Group,
>
> In you opinions, what is the better radio, the 5020 or the 5022?
>
> 73, Norm WB4VYQ
>

890. RE: [harris-radio] Re: rf-5020 vs RF-5022

Yahoo group: harris-radio
Date: 2011-11-23 23:43:10 UTC
From: W2HX
Topic: 887 Message: 890

Just as a point of interest. I have a 5020 with the MIL STD ALE board. Have yet to play with it, though!

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Mike
Sent: Wednesday, November 23, 2011 10:04 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: rf-5020 vs RF-5022

I've had several RF-5020s, 5022s and a 5022(E) over the years and would say the 5020 is best suited for amateur use. They all appear to have the same receiver/exciter card so the performance should be the same.

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All RF-5022s I have seen have a low level gunge sound in the transmit audio which is not present in the 5020 or 5022(E). If you want mil std ALE your more likely to find it in a 5022 and I have only heard of one 5020 with it. Otherwise the ALE found in most 5020s is an early Harris version that is not completely compatible with the current mil std ALE.

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Mike

--- In harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
, "Norman" <wb4vyq@...> wrote:
>
> Gentlemen of the Harris Group,
>
> In you opinions, what is the better radio, the 5020 or the 5022?
>
> 73, Norm WB4VYQ
>

[Non-text portions of this message have been removed]

891. RE: [harris-radio] rf-5020 vs RF-5022

Yahoo group: harris-radio
Date: 2011-11-23 23:43:49 UTC
From: W2HX
Topic: 887 Message: 891

Steve, what about the display is better? If I were to find a junked control head for a 5022, could I take the display and install it in the 5020?

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Steve Sykes
Sent: Wednesday, November 23, 2011 2:22 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] rf-5020 vs RF-5022

The RF-5022 is more advanced with a better display but slower switching between rx to tx. If you want to use it for pactor or amtor the RF-5020 is better.
73 Steve KD2OM

Sent from my iPhone

On Nov 23, 2011, at 4:49, "Norman" <wb4vyq@... <mailto:wb4vyq%40yahoo.com> > wrote:

> Gentlemen of the Harris Group,
>
> In you opinions, what is the better radio, the 5020 or the 5022?
>
> 73, Norm WB4VYQ
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

892. PRC-138 VS. PRC-138(V2)

Yahoo group: harris-radio
Date: 2011-11-24 03:30:58 UTC
From: W2HX
Topic: 892 Message: 892

anyone know the difference between a plain vanilla -138 and a (V2)?

73 Eugene W2HX

[Non-text portions of this message have been removed]

893. Re: [harris-radio] FA: Harris RF3200, RF3200T Service & Technical Manuals

Yahoo group: harris-radio
Date: 2011-11-24 14:00:35 UTC
From: Steve Sykes
Topic: 886 Message: 893

Alex,

These manuals are copyrighted documents. Harris has not authorized anyone to sell copies of these manuals. Such sales and listings are reported to eBay and to Harris Corporation. The listings should be removed from eBay.

73 Steve
KD2OM
On 11/22/2011 03:32 PM, Alex J Rokowetz wrote:
>
>
> I have professionally printed copies of the operator and service
> manuals for the RF-3200 & RF-3200T transeivers listed on eBay. I no
> longer have these radios, so the manuals are surplus to my needs.
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> RF3200 & RF3200 Operator Manuals
> http://www.ebay.com/itm/260897252506?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649
>
<http://www.ebay.com/itm/260897252506?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649>
> Ebay Item Number: 260897252506
> RF3200 & RF3200 Service Manuals
> http://www.ebay.com/itm/260896461518?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649
>
<http://www.ebay.com/itm/260896461518?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649>
> Ebay Item Number: 260896461518
>
> Thanks for loooking.
>
> Alex
> K2AJR
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

894. Re: [harris-radio] Re: rf-5020 vs RF-5022

Yahoo group: harris-radio
Date: 2011-11-25 14:07:09 UTC
From: Barnes Norman
Topic: 887 Message: 894

Thanks to all for the good information on 5022 vs 5020. It's appreciated.
Norm WB4VYQ

From: Mike <prcradio@yahoo.com>
To: harris-radio@yahoogroups.com
Sent: Wednesday, November 23, 2011 9:03 AM
Subject: [harris-radio] Re: rf-5020 vs RF-5022

I've had several RF-5020s, 5022s and a 5022(E) over the years and would say the 5020 is best suited for amateur use. They all appear to have the same receiver/exciter card so the performance should be the same.

You can scroll tune in any increment with the 5020 and it will continue to tune and advance to the next column where the 5022 will not advance. The 5020 also has direct keyboard access to nearly every function like RF gain, speech compression and other parameters without connecting a computer. The speaker audio seems a bit louder on the 5020 over the later model 5022s, maybe they had a blown speaker problem in the 5020 and toned it down in the 5022?

All RF-5022s I have seen have a low level gunge sound in the transmit audio which is not present in the 5020 or 5022(E). If you want mil std ALE your more likely to find it in a 5022 and I have only heard of one 5020 with it. Otherwise the ALE found in most 5020s is an early Harris version that is not completely compatible with the current mil std ALE.

The 5020 and 5022 are easy to upgrade if you can find cards and the firmware is not too out of date for the R/T, just plug in the card and enable on the front panel. The 5022(E) is not so easy, an EEPROM has to be updated on the mother board to enable the feature and only the factory can do this to my knowledge.

Otherwise the 5022(E) retains some of the keyboard access to some parameters like the 5020 and does not seem to have the transmit audio gunge. The 5022(E) was the last version made before this magnificent line of radios was discontinued just a few years ago.

Prices vary all over the map on these with some 5020s passed around in the $500 range and a fully loaded 5022 with mil ALE, hopping, digital voice and encryption going for up to several thousand $$. Amplifiers are a different story and used to be scarce but a UK source occasionally has the 125w version in the $700 range. The 400w amps are scarce and expensive and I've only heard of two 20w coupler/amps in the collector community.
Mike

--- In harris-radio@yahoogroups.com, "Norman" <wb4vyq@...> wrote:
>
> Gentlemen of the Harris Group,
>
> In you opinions, what is the better radio, the 5020 or the 5022?
>

> 73, Norm WB4VYQ
>

[Non-text portions of this message have been removed]

895. Re: PRC-138 VS. PRC-138(V2)

Yahoo group: harris-radio
Date: 2011-11-30 01:56:31 UTC
From: n4tcw
Topic: 892 Message: 895

Eugene,
Sorry for the delay; I was still unpacking. There are 5 different sheets for 5 different versions of the radio with minor changes between them. If you would like I could send you pictures of those pages.

Lee N4TCE

--- In harris-radio@yahoogroups.com, "W2HX" <w2hx@...> wrote:
>
> anyone know the difference between a plain vanilla -138 and a (V2)?
>
>
>
>
>
> 73 Eugene W2HX
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

896. ?FS/FA? Complete PRC-138 Set

Yahoo group: harris-radio
Date: 2011-11-30 14:12:41 UTC
From: Leon S. Ciereszko III
Topic: 896 Message: 896

I haven't decided how I am going to sell it yet but I have decided to get rid of my PRC-138 setup. It works fine and I'm not in financial difficulty but I don't use it often(the ancillaries not at all), it takes up a bit of space, and I am trying to downsize. I will have/post pictures/videos of all items/operation shortly; I still need to take photographs. A quick description: A complete 20W, 1.6-60MHz, ALE manpack w/digital voice(LPC-02) with all components to convert to a 125W transportable station complete with 12VDC and 100-250VAC PSs, dual 30ft mast system with antenna, and all interconnecting cables. I will put together a complete inventory; it is a lot of stuff. It will need to go truck freight as it all weighs in excess of 400 pounds. I can also arrange delivery/pickup/meet somewhere along the I-95 corridor between D.C. and Miami, FL.

Lee N4TCW

Where's Lee?
http://map.findu.com/n4tcw

897. RE: [harris-radio] Re: PRC-138 VS. PRC-138(V2)

Yahoo group: harris-radio
Date: 2011-11-30 15:14:01 UTC
From: Roger Waldmiller
Topic: 892 Message: 897

Hello Lee: n4tce

I WOULD BE INTERESTED IN WHAT YOU HAVE ALSO. I HAVE WORKED ON THE PRC 138'S FOR MANY YEARS AND THOUGHT I SAW ALL THE VERSIONS.

I MIGHT BE ABLE TO ADD TO WHAT YOU HAVE .

REGARDS

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of n4tcw
Sent: Tuesday, November 29, 2011 8:57 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: PRC-138 VS. PRC-138(V2)

Eugene,
Sorry for the delay; I was still unpacking. There are 5 different sheets for 5 different versions of the radio with minor changes between them. If you would like I could send you pictures of those pages.

Lee N4TCE

--- In harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
, "W2HX" <w2hx@...> wrote:
>
> anyone know the difference between a plain vanilla -138 and a (V2)?
>
>
>
>
>
> 73 Eugene W2HX
>
>

>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

898. Re: [harris-radio] Re: PRC-138 VS. PRC-138(V2)

Yahoo group: harris-radio
Date: 2011-11-30 17:40:22 UTC
From: Brooke Clarke
Topic: 892 Message: 898

Hi:

Maybe you could post them in the files section?

Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.End2PartyGovernment.com/

n4tcw wrote:
> Eugene,
> Sorry for the delay; I was still unpacking. There are 5 different sheets for 5 different versions of the radio with minor changes between them. If you would like I could send you pictures of those pages.
>
> Lee N4TCE
>
> --- In harris-radio@yahoogroups.com, "W2HX"<w2hx@...> wrote:
>> anyone know the difference between a plain vanilla -138 and a (V2)?
>>
>>
>>
>>
>>
>> 73 Eugene W2HX
>>
>>
>>
>>
>>
>> [Non-text portions of this message have been removed]
>>
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links

>
>
>
>
>

899. Re: PRC-138 VS. PRC-138(V2)

Yahoo group: harris-radio
Date: 2011-12-01 23:30:21 UTC
From: r390b
Topic: 892 Message: 899

Lee --

I'd be interested as well. I have a set of manuals all the way to the depot manuals, but they are older and don't mention much/anything about any differences. What are the print dates of the latest manuals - that would be interesting as well so we can compare what we have.

FYI, I am working on a drop-in replacement for the power supply mini-brick, may have it done by spring. It will use a more modern SMPS circuit. Also have a paper and pencil draft of a modification to the charger circuits that are more friendly to NiMH batteries.

73

Tom Norris NU4G

--- In harris-radio@yahoogroups.com, "n4tcw" <n4tcw@...> wrote:
>
> Eugene,
> Sorry for the delay; I was still unpacking. There are 5 different sheets for 5 different versions of the radio with minor changes between them. If you would like I could send you pictures of those pages.
>
> Lee N4TCE
>
> --- In harris-radio@yahoogroups.com, "W2HX" <w2hx@> wrote:
> >
> > anyone know the difference between a plain vanilla -138 and a (V2)?
> >
> >
> >
> >
> >
> > 73 Eugene W2HX
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

900. Harris AM-7418/U 125 Watt amp

Yahoo group: harris-radio
Date: 2011-12-02 03:46:25 UTC
From: Norman
Topic: 900 Message: 900

I am interfacing the RF-5022 to the AM-7418/u amp. Are the pins for the PA control cable Pin to Pin? Also what are the pin designations for the DC Power input connector J10?

Thanks guys,
Norman WB4VYQ

901. RE: [harris-radio] Harris AM-7418/U 125 Watt amp

Yahoo group: harris-radio
Date: 2011-12-02 15:13:46 UTC
From: Roger Waldmiller
Topic: 900 Message: 901

Hello Norman WB4VYQ

The RT/J6 TO PA J8 CABLE IS PIN TO PIN A THRU K TO PINS A THRU K.

THE PINs CONN FOR J10 PS POWER CONNECTOR ARE ..

"A" IS SHIELD GND

"C","D' ARE GND

"B","E" ARE +26.5VDC

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Norman
Sent: Thursday, December 01, 2011 10:46 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris AM-7418/U 125 Watt amp

I am interfacing the RF-5022 to the AM-7418/u amp. Are the pins for the PA control cable Pin to Pin? Also what are the pin designations for the DC Power input connector J10?

Thanks guys,
Norman WB4VYQ

[Non-text portions of this message have been removed]

902. RE: [harris-radio] Re: PRC-138 VS. PRC-138(V2)

Yahoo group: harris-radio
Date: 2011-12-03 14:35:15 UTC
From: Leon S. Ciereszko III
Topic: 892 Message: 902

Tom,

They are 1999.

Lee N4TCW

Where's Lee?
<http://map.findu.com/n4tcw> http://map.findu.com/n4tcw

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of r390b
Sent: Thursday, December 01, 2011 6:30 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: PRC-138 VS. PRC-138(V2)

Lee --

I'd be interested as well. I have a set of manuals all the way to the depot manuals, but they are older and don't mention much/anything about any differences. What are the print dates of the latest manuals - that would be interesting as well so we can compare what we have.

FYI, I am working on a drop-in replacement for the power supply mini-brick, may have it done by spring. It will use a more modern SMPS circuit. Also have a paper and pencil draft of a modification to the charger circuits that are more friendly to NiMH batteries.

73

Tom Norris NU4G

--- In harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
, "n4tcw" <n4tcw@...> wrote:
>
> Eugene,
> Sorry for the delay; I was still unpacking. There are 5 different sheets for 5 different versions of the radio with minor changes between them. If you would like I could send you pictures of those pages.
>
> Lee N4TCE
>
> --- In harris-radio@yahoogroups.com
<mailto:harris-radio%40yahoogroups.com> , "W2HX" <w2hx@> wrote:
> >
> > anyone know the difference between a plain vanilla -138 and a (V2)?
> >
> >

> >
> >
> >
> > 73 Eugene W2HX
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

[Non-text portions of this message have been removed]

903. PRC-138 Set Pictures and Systems Tests

Yahoo group: harris-radio
Date: 2011-12-03 14:59:08 UTC
From: Leon S. Ciereszko III
Topic: 903 Message: 903

Per requests. One is a slide show of all of the pieces that I am selling.
The others are videos of testing the system.

Slideshow
http://www.youtube.com/watch?v=YKBbXyH8Rko

System Overview
http://www.youtube.com/watch?v=OIv2hcdP4_U

BITE and RF Test 1
http://www.youtube.com/watch?v=BV4CoaONM1Q

RF Test 2
http://www.youtube.com/watch?v=VAApjf5-MLw

Manpack Configuration Test
http://www.youtube.com/watch?v=Rlkk7zwAPPc

Lee N4TCW

Where's Lee?
http://map.findu.com/n4tcw

904. RF Amps for PRC-138?

Yahoo group: harris-radio
Date: 2011-12-05 19:18:29 UTC
From: Brooke Clarke
Topic: 904 Message: 904

Hi:

Which RF power amps work with the PRC-138?
Will the AM-6545 work?

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.End2PartyGovernment.com/

905. Re: [harris-radio] RF Amps for PRC-138?

Yahoo group: harris-radio
Date: 2011-12-05 19:43:05 UTC
From: Lee Ciereszko
Topic: 904 Message: 905

Per the operations manual dated MAY 1999 (Rev. C)

RF-5030PA-20 20 Watt Power Amplifier/Coupler
RF-5032-PA-125E 125 Watt Power Amplifier
RF-5033PA-150 150 Watt Power Amplifier
RF-5034PA-400E 400 Watt Power Amplifier

Lee. N4TCW

Sent from my iPad

On Dec 5, 2011, at 2:18 PM, Brooke Clarke <brooke@pacific.net> wrote:

> Hi:
>
> Which RF power amps work with the PRC-138?
> Will the AM-6545 work?
>
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
> http://www.End2PartyGovernment.com/
>
>

[Non-text portions of this message have been removed]

906. Re: [harris-radio] RF Amps for PRC-138?

Yahoo group: harris-radio
Date: 2011-12-05 19:53:20 UTC
From: Claus Hanke
Topic: 904 Message: 906

And RF-3230 1000 Watt Amplifier with RF-2601 Coupler

Claus - KI6KYK

From: Lee Ciereszko <n4tcw@...>
To: "harris-radio@yahoogroups.com" <harris-radio@yahoogroups.com>
Sent: Monday, December 5, 2011 11:43 AM
Subject: Re: [harris-radio] RF Amps for PRC-138?

Per the operations manual dated MAY 1999 (Rev. C)

RF-5030PA-20 20 Watt Power Amplifier/Coupler
RF-5032-PA-125E 125 Watt Power Amplifier
RF-5033PA-150 150 Watt Power Amplifier
RF-5034PA-400E 400 Watt Power Amplifier

Lee. N4TCW

Sent from my iPad

On Dec 5, 2011, at 2:18 PM, Brooke Clarke <brooke@...> wrote:

> Hi:
>
> Which RF power amps work with the PRC-138?
> Will the AM-6545 work?
>
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
> http://www.End2PartyGovernment.com/
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

907. RE: [harris-radio] RF Amps for PRC-138?

Yahoo group: harris-radio
Date: 2011-12-05 20:03:11 UTC
From: D. Emer
Topic: 904 Message: 907

I think it should also work with the RF 5031 125 watt power amp as the cabling is the same.
Dud
KK7IF

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Lee Ciereszko
Sent: Monday, December 05, 2011 11:43 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF Amps for PRC-138?

Per the operations manual dated MAY 1999 (Rev. C)

RF-5030PA-20 20 Watt Power Amplifier/Coupler
RF-5032-PA-125E 125 Watt Power Amplifier
RF-5033PA-150 150 Watt Power Amplifier
RF-5034PA-400E 400 Watt Power Amplifier

Lee. N4TCW

Sent from my iPad

On Dec 5, 2011, at 2:18 PM, Brooke Clarke <brooke@...> wrote:

> Hi:
>
> Which RF power amps work with the PRC-138?
> Will the AM-6545 work?
>
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
> http://www.End2PartyGovernment.com/
>
>

[Non-text portions of this message have been removed]

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

908. RE: [harris-radio] RF Amps for PRC-138?

Yahoo group: harris-radio
Date: 2011-12-05 20:49:12 UTC
From: Roger Waldmiller
Topic: 904 Message: 908

Hello

NOT DIRECTLY

The PRC will need the 5000 t0 1 kw setup which has the 5051 power supply, the 5032 PA and the interconnecting unit 10221-6100 with all its interconnecting cables.

When the 138 uses the PA connector the unit will output only 100mw so it needs a pa amplifier to drive the KW which needs approx 60 watts for 1kw output, and the 5051 to supply DC power

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Claus Hanke
Sent: Monday, December 05, 2011 2:53 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF Amps for PRC-138?

And RF-3230 1000 Watt Amplifier with RF-2601 Coupler

Claus - KI6KYK

From: Lee Ciereszko <n4tcw@... <mailto:n4tcw%40yahoo.com> >
To: "harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com> " <harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com> >
Sent: Monday, December 5, 2011 11:43 AM
Subject: Re: [harris-radio] RF Amps for PRC-138?

Per the operations manual dated MAY 1999 (Rev. C)

RF-5030PA-20 20 Watt Power Amplifier/Coupler
RF-5032-PA-125E 125 Watt Power Amplifier
RF-5033PA-150 150 Watt Power Amplifier

RF-5034PA-400E 400 Watt Power Amplifier

Lee. N4TCW

Sent from my iPad

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> Hi:
>
> Which RF power amps work with the PRC-138?
> Will the AM-6545 work?
>
> --
> Have Fun,
>
> Brooke Clarke
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> http://www.End2PartyGovernment.com/
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

909. wanted :harris/collins hf modems

Yahoo group: harris-radio
Date: 2011-12-08 17:06:52 UTC
From: GRG
Topic: 909 Message: 909

I am interested in hearing from anyone who has any harris or collins hf modems for sale/trade.
I am in MARS and we need to be able to pass traffic in Mil STD -188-110A/B .
I have a RF-5254 but need some other modems for out USAF MARS group.
Any leads to any modems/parts of modems would be appreciated
Thanks, George W5GRG, AFA6GG

910. RF-601A cabling

Yahoo group: harris-radio
Date: 2011-12-09 01:16:02 UTC
From: arclight_arclight
Topic: 910 Message: 910

I'm ready to put up my RF-601A (finally). I've read the manual and see that the cable needs to be shielded. I have three questions:

a. Do the individual R and X signals need to be in individual shielded pairs, or can they be under one overall shield with the rest of the conductors?

b. Are there any OTHER conductors that require special shielding, or can a single overall foil shield do the job?

c. Is the shield drain wire bonded to the GROUND pin on each end, or the connector frame, or ???

Thanks,
Dave WB4FUR

911. Re: [harris-radio] RF-601A cabling

Yahoo group: harris-radio
Date: 2011-12-09 04:32:07 UTC
From: Doug [W7KF]
Topic: 910 Message: 911

I used to run an RF-601A and I didn't have cable with enough conductors so I had two runs of 19 conductor cable. Each cable had an overall foil shield with a drain wire. Worked great. Granted, the cable was run through an underground conduit at about 1.5 feet under the surface, only coming to the surface at the coupler and at the shack. The cable was about 125 feet in length.

Sorry, I don't remember which pin I used for the shield -- I'm guessing it must have been fairly obvious.

Great coupler, BTW, I ran a full gallon on CW, even on 160 meters, with a measly 28 foot whip. Never even got warm...

73,
Doug, W7KF
http://www.w7kf.com

On 12/8/2011 6:16 PM, arclight_arclight wrote:
>
> I'm ready to put up my RF-601A (finally). I've read the manual and see
> that the cable needs to be shielded. I have three questions:
>
> a. Do the individual R and X signals need to be in individual shielded
> pairs, or can they be under one overall shield with the rest of the
> conductors?
>
> b. Are there any OTHER conductors that require special shielding, or
> can a single overall foil shield do the job?
>
> c. Is the shield drain wire bonded to the GROUND pin on each end, or
> the connector frame, or ???
>
> Thanks,
> Dave WB4FUR
>

[Non-text portions of this message have been removed]

912. Harris radio collection for sale

Yahoo group: harris-radio
Date: 2011-12-12 00:41:54 UTC
From: Lyndon McKown
Topic: 912 Message: 912

Two RF350K transceivers, RF355 500 watt linear power amplifier, RF-353 1000 watt linear power amplifier and PP-7913 power supply, RF-352 remote control unit, interconnecting cable, power cable and mics, complete manual set with fold outs, equipment rack, and test accessories kit. I am downsizing and would like to find someone who is interested in buying the whole collection. Asking $2500 for it all. Prefer a local pick up in the Dayton, OH area. If interested, I can supply pictures and other details. Contact me at kyle_mckown@.... Thanks &
73s

[Non-text portions of this message have been removed]

913. Re: Interesting Harris accessory

Yahoo group: harris-radio
Date: 2011-12-12 19:57:24 UTC
From: Mark
Topic: 811 Message: 913

the RF-3565 was the Outstation dialing controller for use with the Base station RF-3560 Telephone Interface Unit (phone patch), typically over an HF link

--- In harris-radio@yahoogroups.com, "Doug Smith [W7KF]" <doug@...> wrote:
>
> Anyone know what this thing connects to? (No, it's not mine and I don't know
> the seller.)
>
> http://cgi.ebay.com/320734874081
>
> --
> 73,
> Doug, W7KF
> http://www.w7kf.com
>

914. Question about early 1970s Harris RF Mobile Radios used by Iowa State Patrol

Yahoo group: harris-radio
Date: 2011-12-13 06:55:49 UTC
From: Dave Springer
Topic: 737 Message: 914

Hello all,

Does anyone on the board know anything about what Harris RF radios the Iowa State Patrol used when switching from their old Low Band VHF system to their then new High Band VHF system? I know that they were 110 watt mobile units with a very crude custom built control head from another supplier. I know not who.

The control head was ugly, by today's standards would be considered dangerous because of being metal with sharp edges, but was a brilliant work of simplicity. It was well designed for State Troopers who were not radio technicians. Base / repeater radios were Quintrons if I recall.

Essentially the same radio system is still in use today, it has been mostly narrow banded, and the mobile radios are mostly later models from Mother Motorola.

Thanks for any help that you can provide.

Dave Springer

[Non-text portions of this message have been removed]

915. RE: [harris-radio] Question about early 1970s Harris RF Mobile Radios used by Iowa State Patrol

Yahoo group: harris-radio
Date: 2011-12-13 15:21:29 UTC
From: Roger Waldmiller
Topic: 737 Message: 915

Hello Dave;

This is going back a bit.

I think you are referring to the Harris Rf , RF 1550 100 watt VHF units with a control head RF -498.

I have a manual that states RF 1551T-IHP, I believe that to be IOWA STATE POLICE.

I do not know what the base stations were .

Harris Rf made 2 systems , 1 for IOWA and another for OHIO State Police. Different control heads, but both used the 100 w Rf 1550.

Do you have any photos of the control head ?? radio?

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rf 2 way

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Dave Springer
Sent: Tuesday, December 13, 2011 1:56 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Question about early 1970s Harris RF Mobile Radios used by Iowa State Patrol

Hello all,

Does anyone on the board know anything about what Harris RF radios the Iowa State Patrol used when switching from their old Low Band VHF system to their then new High Band VHF system? I know that they were 110 watt mobile units with a very crude custom built control head from another supplier. I know not who.

The control head was ugly, by today's standards would be considered dangerous because of being metal with sharp edges, but was a brilliant work of simplicity. It was well designed for State Troopers who were not radio technicians. Base / repeater radios were Quintrons if I recall.

Essentially the same radio system is still in use today, it has been mostly narrow banded, and the mobile radios are mostly later models from Mother Motorola.

Thanks for any help that you can provide.

Dave Springer

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

916. Re: [harris-radio] Question about early 1970s Harris RF Mobile Radios used by Iowa State Patrol

Yahoo group: harris-radio
Date: 2011-12-13 19:04:16 UTC
From: Dave Springer
Topic: 737 Message: 916

Hi Roger, thanks for the help. No pics of the radio at all. I don't have any pics of the actual control head, but I MAY have a drawing of the control head from an old windshield visor card from the IHP, or possibly, from an old copy of Police Call. I'll see what I may come up with.

Thanks,

d.

From: Roger Waldmiller <waldrgr@...>
To: harris-radio@yahoogroups.com
Sent: Tuesday, December 13, 2011 9:21 AM
Subject: RE: [harris-radio] Question about early 1970s Harris RF Mobile Radios used by Iowa State Patrol

Hello Dave;

This is going back a bit.

I think you are referring to the Harris Rf , RF 1550 100 watt VHF units with a control head RF -498.

I have a manual that states RF 1551T-IHP, I believe that to be IOWA STATE POLICE.

I do not know what the base stations were .

Harris Rf made 2 systems , 1 for IOWA and another for OHIO State Police. Different control heads, but both used the 100 w Rf 1550.

Do you have any photos of the control head ?? radio?

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rf 2 way

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Dave Springer
Sent: Tuesday, December 13, 2011 1:56 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Question about early 1970s Harris RF Mobile Radios used by Iowa State Patrol

Hello all,

Does anyone on the board know anything about what Harris RF radios the Iowa State Patrol used when switching from their old Low Band VHF system to their then new High Band VHF system? I know that they were 110 watt mobile units with a very crude custom built control head from another supplier. I know not who.

The control head was ugly, by today's standards would be considered dangerous because of being metal with sharp edges, but was a brilliant work of simplicity. It was well designed for State Troopers who were not radio technicians. Base / repeater radios were Quintrons if I recall.

Essentially the same radio system is still in use today, it has been mostly narrow banded, and the mobile radios are mostly later models from Mother Motorola.

Thanks for any help that you can provide.

Dave Springer

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

917. Re: [harris-radio] Re: Interesting Harris accessory

Yahoo group: harris-radio
Date: 2011-12-13 22:10:19 UTC
From: Brooke Clarke
Topic: 811 Message: 917

Hi Doug:

I have some info at:
http://www.prc68.com/I/RF3200ET.shtml#RF3565

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/Brooke4Congress.html

Mark wrote:
>
>
> the RF-3565 was the Outstation dialing controller for use with the Base station RF-3560 Telephone Interface Unit (phone patch), typically over an HF link
>
> --- In harris-radio@yahoogroups.com, "Doug Smith [W7KF]"<doug@...> wrote:
>> Anyone know what this thing connects to? (No, it's not mine and I don't know
>> the seller.)
>>
>> http://cgi.ebay.com/320734874081
>>
>> --
>> 73,
>> Doug, W7KF
>> http://www.w7kf.com
>>
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
>
>

918. RF 1550 100 watt VHF

Yahoo group: harris-radio
Date: 2011-12-14 15:12:32 UTC
From: GRG
Topic: 918 Message: 918

I think I have a complete RF 1550 100 watt VHF radio and a chassis with pa and other parts also but I forgot where they are right now but could find them.

I posted a want for Harris or Collins modems but got no reply's,is that because no one has any for sale or trade or what?
Rodger sent me a cd manual for my RF-5254 which was very nice. However , now that MARS wants to use MIL110 I have
more people wanting my modem than I have modems (1), thus the request.
There is a firm in Germany with one RF-5254 FS for 49EU which is reasonable if I knew of anyone to bring it back since I guess they won't deal with us over here maybe still have a grudge over WWII.
However, I think finding a source for the modems that are built into Falcon radios might be easier than the old stuff if anyone has any of those for sale.
I realize all this modem stuff is not as sexy as looking for an old police radio but it is more important to us MARS types who have the task of using the
"new" to us mode to communicate rather than WL2K but it is a "mandate" for Army MARS guys and the rest of us MARS types all.
Of course the answer might be for the military to issue Falcon radios to MARS but they will probably give them to some of our former/or current enemies
before MARS.
Thanks, George R. Griesbach, W5GRG, AFA6GG USAF MARS

919. RF-5800M-HH question

Yahoo group: harris-radio
Date: 2011-12-14 15:30:50 UTC
From: ernestlabaco
Topic: 919 Message: 919

Hi all,

I'm new to the group, thanks for letting me be part of it! I have a hand held that I mistakenly locked the keyboard. I hope someone could advise on the unlock proceedure.

Thanks,

Ernest

920. Re: RF-5800M-HH question

Yahoo group: harris-radio
Date: 2011-12-14 16:15:56 UTC
From: Mark
Topic: 919 Message: 920

to unlock the keypad, you press MODE, select Unlock Keypad, and press Enter

--- In harris-radio@yahoogroups.com, "ernestlabaco" <addle98712@...> wrote:
>
> Hi all,
>
> I'm new to the group, thanks for letting me be part of it! I have a hand held that I mistakenly locked the keyboard. I hope someone could advise on the unlock proceedure.
>
> Thanks,
>
> Ernest
>

921. Re: RF-5800M-HH question

Yahoo group: harris-radio
Date: 2011-12-14 17:21:44 UTC
From: ernestlabaco
Topic: 919 Message: 921

Hi Mark,

Thank you for the quick response! I have already tried that, no joy!

Ernest

--- In harris-radio@yahoogroups.com, "Mark" <seastar@...> wrote:
>
> to unlock the keypad, you press MODE, select Unlock Keypad, and press Enter
>
> --- In harris-radio@yahoogroups.com, "ernestlabaco" <addle98712@> wrote:
> >
> > Hi all,
> >
> > I'm new to the group, thanks for letting me be part of it! I have a hand held that I mistakenly locked the keyboard. I hope someone could advise on the unlock proceedure.
> >
> > Thanks,
> >
> > Ernest
> >
>

922. Re: RF-5800M-HH question

Yahoo group: harris-radio
Date: 2011-12-14 17:47:51 UTC
From: Mark
Topic: 919 Message: 922

Are you sure you locked the keypad and not the whole radio??
If you locked the Radio it will say radio locked at the bottom of the display
If the radio is locked, press the CLR key 5 times quickly will unlock

Those are the only 2 locks available on that radio, so if this doesn't fix it for you then you are truly up a creek

--- In harris-radio@yahoogroups.com, "ernestlabaco" <addle98712@...> wrote:
>
> Hi Mark,
>
> Thank you for the quick response! I have already tried that, no joy!
>
> Ernest
>
> --- In harris-radio@yahoogroups.com, "Mark" <seastar@> wrote:
> >
> > to unlock the keypad, you press MODE, select Unlock Keypad, and press Enter
> >
> > --- In harris-radio@yahoogroups.com, "ernestlabaco" <addle98712@> wrote:
> > >
> > > Hi all,
> > >
> > > I'm new to the group, thanks for letting me be part of it! I have a hand held that I mistakenly locked the keyboard. I hope someone could advise on the unlock proceedure.
> > >
> > > Thanks,
> > >
> > > Ernest
> > >
> >
>

923. Re: [harris-radio] Re: Interesting Harris accessory

Yahoo group: harris-radio
Date: 2011-12-14 18:00:11 UTC
From: Doug Smith [W7KF]
Topic: 811 Message: 923

Mark and Brooke,

Thanks for the info and link!

Looks like it would be a fun toy *if* I could also find a matching (and reasonably priced) TIU. Mostly, I was just curious what the thing was used for -- definitely a cool system.

73,
Doug, W7KF
http://www.w7kf.com

Brooke Clarke wrote:
> Hi Doug:
>
> I have some info at:
> http://www.prc68.com/I/RF3200ET.shtml#RF3565

924. Re: RF-5800M-HH question

Yahoo group: harris-radio
Date: 2011-12-14 18:34:36 UTC
From: ernestlabaco
Topic: 919 Message: 924

Yes, I did lock the whole radio! Thank you very much for the fix! I really appreciate it!

Ernest

--- In harris-radio@yahoogroups.com, "Mark" <seastar@...> wrote:
>
>
>
>
> Are you sure you locked the keypad and not the whole radio??
> If you locked the Radio it will say radio locked at the bottom of the display
> If the radio is locked, press the CLR key 5 times quickly will unlock
>
> Those are the only 2 locks available on that radio, so if this doesn't fix it for you then you are truly up a creek
>
> --- In harris-radio@yahoogroups.com, "ernestlabaco" <addle98712@> wrote:
> >
> > Hi Mark,
> >
> > Thank you for the quick response! I have already tried that, no joy!
> >
> > Ernest
> >
> > --- In harris-radio@yahoogroups.com, "Mark" <seastar@> wrote:
> > >
> > > to unlock the keypad, you press MODE, select Unlock Keypad, and press Enter
> > >
> > > --- In harris-radio@yahoogroups.com, "ernestlabaco" <addle98712@> wrote:
> > > >
> > > > Hi all,
> > > >
> > > > I'm new to the group, thanks for letting me be part of it! I have a hand held that I mistakenly locked the keyboard. I hope someone could advise on the unlock proceedure.
> > > >
> > > > Thanks,
> > > >
> > > > Ernest
> > > >
> > >
> >
>

925. WTB Harris rf 5710A modem

Yahoo group: harris-radio
Date: 2011-12-18 02:58:18 UTC
From: t
Topic: 925 Message: 925

Subject line says it all. Looking for a working modem.

926. Falcon II vs Falcon III handheld programming hardware

Yahoo group: harris-radio
Date: 2011-12-21 01:16:33 UTC
From: ernestlabaco
Topic: 926 Message: 926

Group,

Any one know if a programming cable made for a Falcon II handheld will work with a Falcon III handheld or the other way around? Side connector pin outs the same?

Thanks!

Ernest

927. Harris 125 Watt amplifier

Yahoo group: harris-radio
Date: 2011-12-23 15:13:46 UTC
From: Norman
Topic: 927 Message: 927

Hi Group,

I am using the RF-5022 with the 125 Watt amplifier but can not seem to get the amp to work. The control cable is pin to pin, the dc power is correct, and the rf in and out are correct. I am not using the antenna coupler. Is there something I should configure/jumper if the coupler is not being used. Also I noticed when the antenna is fed direct to the RF-5022 I received normally but when connected thru the amp there are no received signals. What am I missing?
Thanks for any help,
Norman, WB4VYQ

928. Re: Harris 125 Watt amplifier

Yahoo group: harris-radio
Date: 2011-12-23 15:28:54 UTC
From: 4z4rb
Topic: 927 Message: 928

--- In harris-radio@yahoogroups.com, "Norman" <wb4vyq@...> wrote:
>
> Hi Group,
>
> I am using the RF-5022 with the 125 Watt amplifier but can not seem to get the amp to work. The control cable is pin to pin, the dc power is correct, and the rf in and out are correct. I am not using the antenna coupler. Is there something I should configure/jumper if the coupler is not being used. Also I noticed when the antenna is fed direct to the RF-5022 I received normally but when connected thru the amp there are no received signals.
> What am I missing?
> Thanks for any help,
> Norman, WB4VYQ
>

Hi
The output is not dependent on using a coupler.
I do not use a coupler and all works normal.
from what u say looks like there is a problem on the output path of the amp
I will look into the service manual and sugest afew options
Baruch 4z4rb

929. Re: [harris-radio] Harris 125 Watt amplifier

Yahoo group: harris-radio
Date: 2011-12-23 16:24:12 UTC
From: Stuart
Topic: 927 Message: 929

I would check the antenna relay in the amp.

Stuart
N5LBZ

From: Norman
Sent: Friday, December 23, 2011 9:13 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris 125 Watt amplifier

Hi Group,

I am using the RF-5022 with the 125 Watt amplifier but can not seem to get the amp to work. The control cable is pin to pin, the dc power is correct, and the rf in and out are correct. I am not using the antenna coupler. Is there something I should configure/jumper if the coupler is not being used. Also I noticed when the antenna is fed direct to the RF-5022 I received normally but when connected thru the amp there are no received signals. What am I missing?
Thanks for any help,
Norman, WB4VYQ

[Non-text portions of this message have been removed]

930. RE: [harris-radio] Harris 125 Watt amplifier

Yahoo group: harris-radio
Date: 2011-12-23 16:41:24 UTC
From: Mark
Topic: 927 Message: 930

There are T/R relays on the input and output of this ampl

If one (or both) of them stick in the Tx position, then you will not receive

There is also a very nice piece of thin coax crossing the ampl board, which
may be mistaken for a handle . if this was done and the coax broken loose,
RX is dead as this is the RX path for RF

I would start with the relays

- Mark -

From: Norman [mailto:wb4vyq@...]
Sent: Friday, December 23, 2011 10:14 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris 125 Watt amplifier

Hi Group,

I am using the RF-5022 with the 125 Watt amplifier but can not seem to get
the amp to work. The control cable is pin to pin, the dc power is correct,
and the rf in and out are correct. I am not using the antenna coupler. Is
there something I should configure/jumper if the coupler is not being used.
Also I noticed when the antenna is fed direct to the RF-5022 I received
normally but when connected thru the amp there are no received signals.
What am I missing?
Thanks for any help,
Norman, WB4VYQ

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1890 / Virus Database: 2109/4695 - Release Date: 12/21/11

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1890 / Virus Database: 2109/4695 - Release Date: 12/21/11

[Non-text portions of this message have been removed]

931. Re: Harris 125 Watt amplifier

Yahoo group: harris-radio
Date: 2011-12-23 17:14:25 UTC
From: 4z4rb
Topic: 927 Message: 931

--- In harris-radio@yahoogroups.com, "Norman" <wb4vyq@...> wrote:
>
> Hi Group,
>
> I am using the RF-5022 with the 125 Watt amplifier but can not seem to get the amp to work. The control cable is pin to pin, the dc power is correct, and the rf in and out are correct. I am not using the antenna coupler. Is there something I should configure/jumper if the coupler is not being used. Also I noticed when the antenna is fed direct to the RF-5022 I received normally but when connected thru the amp there are no received signals.
> What am I missing?
> Thanks for any help,
> Norman, WB4VYQ
>There are afew relays on board of the protection board (Rx) also a stuck relay would cause that too

932. Harris 125 W amp

Yahoo group: harris-radio
Date: 2011-12-23 20:25:15 UTC
From: Norman
Topic: 932 Message: 932

Thank you all for the suggestions on the problem with my 125w amp.
I will start with the relays.
Thanks again,
Norman, WB4VYQ

933. Manuals / Documentation Needed - RF-3466A & RF-7210A

Yahoo group: harris-radio
Date: 2011-12-24 15:56:01 UTC
From: caldwj
Topic: 933 Message: 933

Hi Group, I am looking for documentation for the following -
RF-3466A Universal HF Modem
RF-7210A Adaptive Controller

Note - the documentation for the RF-7210 controller is common on the web, but the 7210A is a different model unit w/ significant changes and features over the 7210. There's lots of info on use of the 3466A and 7210A for ham use, but limited technical docs available, if any.

Obviously Harris prices are off the charts as they're geared to military or government orgs freely spending our tax dollars.

Any help would be appreciated.
Regards, John WD8INC

934. RE: [harris-radio] Harris 125 W amp

Yahoo group: harris-radio
Date: 2011-12-24 15:56:20 UTC
From: Roger Waldmiller
Topic: 932 Message: 934

Hello Norman WB4VYQ

Merry Christmas

Before you get deep into checking the relays, check to see if the RT is seeing the PA.

The RT upon power up does a test to check each bd's F/W including the PA's.

Go to the "TEST" position on the RT and scroll to the "VERSIONS" menu. Up/Dwn arrows to check ea ch of the RT's bd f/w , at the end is a listing for A28,A29 for .."5045 PRESELECTORS", (you don't have) will be blank , BUT next is A30 which is foe PA's . You should see a F/W here if thje RT see's the Pa.

If A30 is blank then, you MUST FIRST get this function to work.

It could be the RT A8, A9, connector, cable , then the PA connector , connector PWB , A3 control bd . If the PA has input voltage , are the regulators turned on.

Besides 25v , there is 5v , 11v regulators.

To check the rx signal path , you can bypass the rx protection bd and even the LPF. More info on how to do this .contract me.

Make a list of the RT f/w for each bd , and if you do see A30 f/w list it also.

Is the PA a 5031, 5032, 5032E or 5832?

IS THE pa A WORKING ,TESTED pa?

Did the RT work with another pa?

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Old Rf.comm 2 way

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Norman
Sent: Friday, December 23, 2011 3:25 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris 125 W amp

Thank you all for the suggestions on the problem with my 125w amp.
I will start with the relays.
Thanks again,
Norman, WB4VYQ

[Non-text portions of this message have been removed]

935. RF-281A

Yahoo group: harris-radio
Date: 2011-12-25 11:18:26 UTC
From: Jay
Topic: 935 Message: 935

Merry christmas to all.

I just got myself an RF-281A antenna coupler. Would like to ask for any help on how to get this working with a NON-Harris radio. I have already downloaded the manual with schematics.

Thank you.

Jay

936. Re: [harris-radio] RF-281A

Yahoo group: harris-radio
Date: 2011-12-25 13:19:07 UTC
From: Steve Sykes
Topic: 935 Message: 936

There are manuals on the web for the RF-302R which is a remote control for the RF-281. Basically you need to power it, then toggle the TPR tune power request line to home the cap and inductor. Then apply rf which causes the coupler to tune.

Steve KD2OM

Sent from my iPhone

On Dec 25, 2011, at 6:18, "Jay" <jay_sario@...> wrote:

> Merry christmas to all.
>
> I just got myself an RF-281A antenna coupler. Would like to ask for any help on how to get this working with a NON-Harris radio. I have already downloaded the manual with schematics.
>
> Thank you.
>
> Jay
>
>

[Non-text portions of this message have been removed]

937. Re: [harris-radio] RF-281A

Yahoo group: harris-radio
Date: 2011-12-25 14:52:52 UTC
From: S C Marrow
Topic: 935 Message: 937

The RF-302R is not the remote control for the 281; that would be the RF-339; which tech info should be included in the 281 manual. BTW Columbia Electronics in California may have a 339 in stock or listed on eBay.

The 302R is the highly modified remote version of the 302 coupler that was originally used with the 301. It is remote, but manually controlled via motor drives. Their should be enough info in the manual to rig up a homebrew controller.....you might Google RF-382 controller, Collins 490 controller; etc.....several folks have designed simple controllers for them.....basically they are are all fairly similar in the functions you will need, and KD2OM has given you the very basic idea & info.

Hope this helps....Merry Christmas

Steve
KM4V

----- Original Message -----
From: Steve Sykes
To: harris-radio@yahoogroups.com
Sent: Sunday, December 25, 2011 8:19 AM
Subject: Re: [harris-radio] RF-281A

There are manuals on the web for the RF-302R which is a remote control for the RF-281. Basically you need to power it, then toggle the TPR tune power request line to home the cap and inductor. Then apply rf which causes the coupler to tune.

Steve KD2OM

Sent from my iPhone

On Dec 25, 2011, at 6:18, "Jay" <jay_sario@...> wrote:

> Merry christmas to all.
>
> I just got myself an RF-281A antenna coupler. Would like to ask for any help on how to get this working with a NON-Harris radio. I have already downloaded the manual with schematics.
>
> Thank you.
>
> Jay
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

938. Re: [harris-radio] RF-281A

Yahoo group: harris-radio
Date: 2011-12-25 15:37:23 UTC
From: Steve Sykes
Topic: 935 Message: 938

Sorry, KM4V is correct, I guess I shouldn't answer questions so early in the morning. Here is a link:

http://pa3ect.eu/RF-281.pdf

73
Steve KD2OM

On 12/25/2011 09:52 AM, S C Marrow wrote:
>
> The RF-302R is not the remote control for the 281; that would be the
> RF-339; which tech info should be included in the 281 manual. BTW
> Columbia Electronics in California may have a 339 in stock or listed
> on eBay.
>
> The 302R is the highly modified remote version of the 302 coupler that
> was originally used with the 301. It is remote, but manually
> controlled via motor drives. Their should be enough info in the manual
> to rig up a homebrew controller.....you might Google RF-382
> controller, Collins 490 controller; etc.....several folks have
> designed simple controllers for them.....basically they are are all
> fairly similar in the functions you will need, and KD2OM has given you
> the very basic idea & info.
>
> Hope this helps....Merry Christmas
>
> Steve
> KM4V
>
> ----- Original Message -----
> From: Steve Sykes
> To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> Sent: Sunday, December 25, 2011 8:19 AM
> Subject: Re: [harris-radio] RF-281A
>
> There are manuals on the web for the RF-302R which is a remote control
> for the RF-281. Basically you need to power it, then toggle the TPR
> tune power request line to home the cap and inductor. Then apply rf
> which causes the coupler to tune.
>
> Steve KD2OM
>
> Sent from my iPhone
>
> On Dec 25, 2011, at 6:18, "Jay" <jay_sario@...
> <mailto:jay_sario%40yahoo.com>> wrote:

>
> > Merry christmas to all.
> >
> > I just got myself an RF-281A antenna coupler. Would like to ask for
> any help on how to get this working with a NON-Harris radio. I have
> already downloaded the manual with schematics.
> >
> > Thank you.
> >
> > Jay
> >
> >
>
> [Non-text portions of this message have been removed]
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

939. Re: RF-281A

Yahoo group: harris-radio
Date: 2011-12-26 00:24:23 UTC
From: Jay
Topic: 935 Message: 939

Hello everyone,

Thank you for the replies. With the infos you have shared, I will be doing some tests on the RF-281A. Hope everything goes well. KD2OM thanks for the link, I have downloaded the manual already.

Advance Happy New Year to All!

Jay

--- In harris-radio@yahoogroups.com, Steve Sykes <steve@...> wrote:
>
> Sorry, KM4V is correct, I guess I shouldn't answer questions so early in
> the morning. Here is a link:
>
> http://pa3ect.eu/RF-281.pdf
>
> 73
> Steve KD2OM
>
> On 12/25/2011 09:52 AM, S C Marrow wrote:
> >
> > The RF-302R is not the remote control for the 281; that would be the
> > RF-339; which tech info should be included in the 281 manual. BTW
> > Columbia Electronics in California may have a 339 in stock or listed
> > on eBay.
> >
> > The 302R is the highly modified remote version of the 302 coupler that
> > was originally used with the 301. It is remote, but manually
> > controlled via motor drives. Their should be enough info in the manual
> > to rig up a homebrew controller.....you might Google RF-382
> > controller, Collins 490 controller; etc.....several folks have
> > designed simple controllers for them.....basically they are are all
> > fairly similar in the functions you will need, and KD2OM has given you
> > the very basic idea & info.
> >
> > Hope this helps....Merry Christmas
> >
> > Steve
> > KM4V
> >
> > ----- Original Message -----
> > From: Steve Sykes
> > To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> > Sent: Sunday, December 25, 2011 8:19 AM
> > Subject: Re: [harris-radio] RF-281A

> >
> > There are manuals on the web for the RF-302R which is a remote control
> > for the RF-281. Basically you need to power it, then toggle the TPR
> > tune power request line to home the cap and inductor. Then apply rf
> > which causes the coupler to tune.
> >
> > Steve KD2OM
> >
> > Sent from my iPhone
> >
> > On Dec 25, 2011, at 6:18, "Jay" <jay_sario@...
> > <mailto:jay_sario%40yahoo.com>> wrote:
> >
> > > Merry christmas to all.
> > >
> > > I just got myself an RF-281A antenna coupler. Would like to ask for
> > any help on how to get this working with a NON-Harris radio. I have
> > already downloaded the manual with schematics.
> > >
> > > Thank you.
> > >
> > > Jay
> > >
> > >
> >
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940. Re: RF-281A

Yahoo group: harris-radio
Date: 2011-12-26 02:42:52 UTC
From: Jay
Topic: 935 Message: 940

Hi,

When you say "toggle", do you mean ground it?

Thanks.

jay

--- In harris-radio@yahoogroups.com, Steve Sykes <steve@...> wrote:
>
> There are manuals on the web for the RF-302R which is a remote control for the RF-281. Basically you need to power it, then toggle the TPR tune power request line to home the cap and inductor. Then apply rf which causes the coupler to tune.
>
> Steve KD2OM
>
>
> Sent from my iPhone
>
> On Dec 25, 2011, at 6:18, "Jay" <jay_sario@...> wrote:
>
> > Merry christmas to all.
> >
> > I just got myself an RF-281A antenna coupler. Would like to ask for any help on how to get this working with a NON-Harris radio. I have already downloaded the manual with schematics.
> >
> > Thank you.
> >
> > Jay
> >
> >
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> [Non-text portions of this message have been removed]
>

941. Re: RF-281A

Yahoo group: harris-radio
Date: 2011-12-26 10:34:13 UTC
From: Jay
Topic: 935 Message: 941

Hi again,

I applied 24vdc to the coupler, the relay beside the roller inductor clicked and toggled to ground the TPR line, applied 20watts CW but nothing happens, servo motors did not move. Have I missed something or doing something wrong? Whenever I apply power to the coupler, I could hear a very hi-pitch buzzing-like sound in the Control Logic board.

I have also studied the RF-382 coupler controller of W7KF to at least give me an understanding on how things worked. Do I need to short or ground other lines on this particular coupler?

Thank you.

jay

--- In harris-radio@yahoogroups.com, "Jay" <jay_sario@...> wrote:
>
>
> Hello everyone,
>
> Thank you for the replies. With the infos you have shared, I will be doing some tests on the RF-281A. Hope everything goes well. KD2OM thanks for the link, I have downloaded the manual already.
>
> Advance Happy New Year to All!
>
> Jay
>
>
> --- In harris-radio@yahoogroups.com, Steve Sykes <steve@> wrote:
> >
> > Sorry, KM4V is correct, I guess I shouldn't answer questions so early in
> > the morning. Here is a link:
> >
> > http://pa3ect.eu/RF-281.pdf
> >
> > 73
> > Steve KD2OM
> >
> > On 12/25/2011 09:52 AM, S C Marrow wrote:
> > >
> > > The RF-302R is not the remote control for the 281; that would be the
> > > RF-339; which tech info should be included in the 281 manual. BTW
> > > Columbia Electronics in California may have a 339 in stock or listed
> > > on eBay.
> > >

> > > The 302R is the highly modified remote version of the 302 coupler that
> > > was originally used with the 301. It is remote, but manually
> > > controlled via motor drives. Their should be enough info in the manual
> > > to rig up a homebrew controller.....you might Google RF-382
> > > controller, Collins 490 controller; etc.....several folks have
> > > designed simple controllers for them.....basically they are are all
> > > fairly similar in the functions you will need, and KD2OM has given you
> > > the very basic idea & info.
> > >
> > > Hope this helps....Merry Christmas
> > >
> > > Steve
> > > KM4V
> > >
> > > ----- Original Message -----
> > > From: Steve Sykes
> > > To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> > > Sent: Sunday, December 25, 2011 8:19 AM
> > > Subject: Re: [harris-radio] RF-281A
> > >
> > > There are manuals on the web for the RF-302R which is a remote control
> > > for the RF-281. Basically you need to power it, then toggle the TPR
> > > tune power request line to home the cap and inductor. Then apply rf
> > > which causes the coupler to tune.
> > >
> > > Steve KD2OM
> > >
> > > Sent from my iPhone
> > >
> > > On Dec 25, 2011, at 6:18, "Jay" <jay_sario@
> > > <mailto:jay_sario%40yahoo.com>> wrote:
> > >
> > > > Merry christmas to all.
> > > >
> > > > I just got myself an RF-281A antenna coupler. Would like to ask for
> > > any help on how to get this working with a NON-Harris radio. I have
> > > already downloaded the manual with schematics.
> > > >
> > > > Thank you.
> > > >
> > > > Jay
> > > >
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942. Re: [harris-radio] Re: RF-281A

Yahoo group: harris-radio
Date: 2011-12-26 12:11:52 UTC
From: Steve Sykes
Topic: 935 Message: 942

Yes, a ground pulse will home the elements.

On 12/25/2011 9:42 PM, Jay wrote:
>
> Hi,
>
> When you say "toggle", do you mean ground it?
>
> Thanks.
>
> jay
>
> --- In harris-radio@yahoogroups.com
> <mailto:harris-radio%40yahoogroups.com>, Steve Sykes <steve@...> wrote:
> >
> > There are manuals on the web for the RF-302R which is a remote
> control for the RF-281. Basically you need to power it, then toggle
> the TPR tune power request line to home the cap and inductor. Then
> apply rf which causes the coupler to tune.
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> > Steve KD2OM
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> > Sent from my iPhone
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> > On Dec 25, 2011, at 6:18, "Jay" <jay_sario@...> wrote:
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> > > Thank you.
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> > > Jay
> > >
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> >
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943. Re: [harris-radio] Re: RF-281A

Yahoo group: harris-radio
Date: 2011-12-26 13:02:12 UTC
From: Steve Sykes
Topic: 935 Message: 943

Jay,
It has been awhile since I worked on one of these couplers. I would study the theory of operation manual. I confused the TPR with the rechannel line. The TPR comes from the coupler to tell the transmitter to provide tune power, which is 25 to 30 watts. The rechannel line is what homes the elements. When the coupler is tuned the coupler ready line tells the transmitter that it can provide full power.
After the rechannel pulse, ground the keyline then apply RF, the coupler should tune. When is it tuned, release the keyline.

Steve KD2OM
On 12/26/2011 5:34 AM, Jay wrote:
>
> Hi again,
>
> I applied 24vdc to the coupler, the relay beside the roller inductor
> clicked and toggled to ground the TPR line, applied 20watts CW but
> nothing happens, servo motors did not move. Have I missed something or
> doing something wrong? Whenever I apply power to the coupler, I could
> hear a very hi-pitch buzzing-like sound in the Control Logic board.
>
> I have also studied the RF-382 coupler controller of W7KF to at least
> give me an understanding on how things worked. Do I need to short or
> ground other lines on this particular coupler?
>
> Thank you.
>
> jay
>
> --- In harris-radio@yahoogroups.com
> <mailto:harris-radio%40yahoogroups.com>, "Jay" <jay_sario@...> wrote:
> >
> >
> > Hello everyone,
> >
> > Thank you for the replies. With the infos you have shared, I will be
> doing some tests on the RF-281A. Hope everything goes well. KD2OM
> thanks for the link, I have downloaded the manual already.
> >
> > Advance Happy New Year to All!
> >
> > Jay
> >
> >
> > --- In harris-radio@yahoogroups.com

> <mailto:harris-radio%40yahoogroups.com>, Steve Sykes <steve@> wrote:
> > >
> > > Sorry, KM4V is correct, I guess I shouldn't answer questions so
> early in
> > > the morning. Here is a link:
> > >
> > > http://pa3ect.eu/RF-281.pdf
> > >
> > > 73
> > > Steve KD2OM
> > >
> > > On 12/25/2011 09:52 AM, S C Marrow wrote:
> > > >
> > > > The RF-302R is not the remote control for the 281; that would be
> the
> > > > RF-339; which tech info should be included in the 281 manual. BTW
> > > > Columbia Electronics in California may have a 339 in stock or
> listed
> > > > on eBay.
> > > >
> > > > The 302R is the highly modified remote version of the 302
> coupler that
> > > > was originally used with the 301. It is remote, but manually
> > > > controlled via motor drives. Their should be enough info in the
> manual
> > > > to rig up a homebrew controller.....you might Google RF-382
> > > > controller, Collins 490 controller; etc.....several folks have
> > > > designed simple controllers for them.....basically they are are all
> > > > fairly similar in the functions you will need, and KD2OM has
> given you
> > > > the very basic idea & info.
> > > >
> > > > Hope this helps....Merry Christmas
> > > >
> > > > Steve
> > > > KM4V
> > > >
> > > > ----- Original Message -----
> > > > From: Steve Sykes
> > > > To: harris-radio@yahoogroups.com
> <mailto:harris-radio%40yahoogroups.com>
> <mailto:harris-radio%40yahoogroups.com>
> > > > Sent: Sunday, December 25, 2011 8:19 AM
> > > > Subject: Re: [harris-radio] RF-281A
> > > >
> > > > There are manuals on the web for the RF-302R which is a remote
> control
> > > > for the RF-281. Basically you need to power it, then toggle the TPR
> > > > tune power request line to home the cap and inductor. Then apply rf
> > > > which causes the coupler to tune.

> > > >
> > > > Steve KD2OM
> > > >
> > > > Sent from my iPhone
> > > >
> > > > On Dec 25, 2011, at 6:18, "Jay" <jay_sario@
> > > > <mailto:jay_sario%40yahoo.com>> wrote:
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> > > > > Merry christmas to all.
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> > > > > > I just got myself an RF-281A antenna coupler. Would like to
> ask for
> > > > > any help on how to get this working with a NON-Harris radio. I have
> > > > > already downloaded the manual with schematics.
> > > > > >
> > > > > > Thank you.
> > > > > >
> > > > > > Jay
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944. Re: RF-281A

Yahoo group: harris-radio
Date: 2011-12-27 04:26:30 UTC
From: Jay
Topic: 935 Message: 944

Hi Steve,

With the info you gave, I was able to make the coupler work...it tuned my 15-foot wire that I placed in my backyard for testing purposes. I will homebrew a small controller box with switches and LEDs for visual indications.

Thanks for the help Steve, also thanks to the group.

jay

--- In harris-radio@yahoogroups.com, Steve Sykes <steve@...> wrote:
>
> Jay,
> It has been awhile since I worked on one of these couplers. I would
> study the theory of operation manual. I confused the TPR with the
> rechannel line. The TPR comes from the coupler to tell the transmitter
> to provide tune power, which is 25 to 30 watts. The rechannel line is
> what homes the elements. When the coupler is tuned the coupler ready
> line tells the transmitter that it can provide full power.
> After the rechannel pulse, ground the keyline then apply RF, the coupler
> should tune. When is it tuned, release the keyline.
>
> Steve KD2OM
> On 12/26/2011 5:34 AM, Jay wrote:
> >
> > Hi again,
> >
> > I applied 24vdc to the coupler, the relay beside the roller inductor
> > clicked and toggled to ground the TPR line, applied 20watts CW but
> > nothing happens, servo motors did not move. Have I missed something or
> > doing something wrong? Whenever I apply power to the coupler, I could
> > hear a very hi-pitch buzzing-like sound in the Control Logic board.
> >
> > I have also studied the RF-382 coupler controller of W7KF to at least
> > give me an understanding on how things worked. Do I need to short or
> > ground other lines on this particular coupler?
> >
> > Thank you.
> >
> > jay
> >
> > --- In harris-radio@yahoogroups.com
> > <mailto:harris-radio%40yahoogroups.com>, "Jay" <jay_sario@> wrote:
> > >
> > >
> > > Hello everyone,

> > >
> > > Thank you for the replies. With the infos you have shared, I will be
> > doing some tests on the RF-281A. Hope everything goes well. KD2OM
> > thanks for the link, I have downloaded the manual already.
> > >
> > > Advance Happy New Year to All!
> > >
> > > Jay
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> > > --- In harris-radio@yahoogroups.com
> > <mailto:harris-radio%40yahoogroups.com>, Steve Sykes <steve@> wrote:
> > > >
> > > > Sorry, KM4V is correct, I guess I shouldn't answer questions so
> > early in
> > > > the morning. Here is a link:
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> > > > http://pa3ect.eu/RF-281.pdf
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> > > > 73
> > > > Steve KD2OM
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> > > > On 12/25/2011 09:52 AM, S C Marrow wrote:
> > > > >
> > > > > The RF-302R is not the remote control for the 281; that would be
> > the
> > > > > RF-339; which tech info should be included in the 281 manual. BTW
> > > > > Columbia Electronics in California may have a 339 in stock or
> > listed
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> > > > > The 302R is the highly modified remote version of the 302
> > coupler that
> > > > > was originally used with the 301. It is remote, but manually
> > > > > controlled via motor drives. Their should be enough info in the
> > manual
> > > > > to rig up a homebrew controller.....you might Google RF-382
> > > > > controller, Collins 490 controller; etc.....several folks have
> > > > > designed simple controllers for them.....basically they are are all
> > > > > fairly similar in the functions you will need, and KD2OM has
> > given you
> > > > > the very basic idea & info.
> > > > >
> > > > > Hope this helps....Merry Christmas
> > > > >
> > > > > Steve
> > > > > KM4V
> > > > >
> > > > > ----- Original Message -----
> > > > > From: Steve Sykes

> > > > > To: harris-radio@yahoogroups.com
> > <mailto:harris-radio%40yahoogroups.com>
> > <mailto:harris-radio%40yahoogroups.com>
> > > > > Sent: Sunday, December 25, 2011 8:19 AM
> > > > > Subject: Re: [harris-radio] RF-281A
> > > > >
> > > > > There are manuals on the web for the RF-302R which is a remote
> > control
> > > > > for the RF-281. Basically you need to power it, then toggle the TPR
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> > > > > > Thank you.
> > > > > >
> > > > > > Jay
> > > > > >
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945. Re: [harris-radio] Re: RF-281A

Yahoo group: harris-radio
Date: 2011-12-27 14:18:53 UTC
From: Steve Sykes
Topic: 935 Message: 945

Very good, I am glad it worked. The RF-281 is a good coupler, it works quite well. It continously monitors VSWR so will keep survailing during a transmission. The newer couplers cannot do this and will retune if the VSWR changes upon the next keyup, which can cause a disruption if used with data modes.

Steve KD2OM
On 12/26/2011 11:26 PM, Jay wrote:
>
> Hi Steve,
>
> With the info you gave, I was able to make the coupler work...it tuned
> my 15-foot wire that I placed in my backyard for testing purposes. I
> will homebrew a small controller box with switches and LEDs for visual
> indications.
>
> Thanks for the help Steve, also thanks to the group.
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> --- In harris-radio@yahoogroups.com
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> > Jay,
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> > what homes the elements. When the coupler is tuned the coupler ready
> > line tells the transmitter that it can provide full power.
> > After the rechannel pulse, ground the keyline then apply RF, the
> coupler
> > should tune. When is it tuned, release the keyline.
> >
> > Steve KD2OM
> > On 12/26/2011 5:34 AM, Jay wrote:
> > >
> > > Hi again,
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> > > I applied 24vdc to the coupler, the relay beside the roller inductor
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> > >
> > > I have also studied the RF-382 coupler controller of W7KF to at least
> > > give me an understanding on how things worked. Do I need to short or
> > > ground other lines on this particular coupler?
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> > > Thank you.
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> > > --- In harris-radio@yahoogroups.com
> <mailto:harris-radio%40yahoogroups.com>
> > > <mailto:harris-radio%40yahoogroups.com>, "Jay" <jay_sario@> wrote:
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> > > > Hello everyone,
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> > > > Thank you for the replies. With the infos you have shared, I
> will be
> > > doing some tests on the RF-281A. Hope everything goes well. KD2OM
> > > thanks for the link, I have downloaded the manual already.
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> > > > Advance Happy New Year to All!
> > > >
> > > > Jay
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> > > > --- In harris-radio@yahoogroups.com
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> > > <mailto:harris-radio%40yahoogroups.com>, Steve Sykes <steve@> wrote:
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> > > > > Sorry, KM4V is correct, I guess I shouldn't answer questions so
> > > early in
> > > > > the morning. Here is a link:
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> > > > > http://pa3ect.eu/RF-281.pdf
> > > > >
> > > > > 73
> > > > > Steve KD2OM
> > > > >
> > > > > On 12/25/2011 09:52 AM, S C Marrow wrote:
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> > > > > > The RF-302R is not the remote control for the 281; that
> would be
> > > the
> > > > > > RF-339; which tech info should be included in the 281
> manual. BTW
> > > > > > Columbia Electronics in California may have a 339 in stock or
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> > > > > > controller, Collins 490 controller; etc.....several folks have
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> are all
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> > > given you
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> > > > > > Hope this helps....Merry Christmas
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> > > > > > Steve
> > > > > > KM4V
> > > > > >
> > > > > > ----- Original Message -----
> > > > > > From: Steve Sykes
> > > > > > To: harris-radio@yahoogroups.com
> <mailto:harris-radio%40yahoogroups.com>
> > > <mailto:harris-radio%40yahoogroups.com>
> > > <mailto:harris-radio%40yahoogroups.com>
> > > > > > Sent: Sunday, December 25, 2011 8:19 AM
> > > > > > Subject: Re: [harris-radio] RF-281A
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> > > > > > > Thank you.
> > > > > > >
> > > > > > > Jay
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946. RF-5022 J5 pin connections

Yahoo group: harris-radio
Date: 2011-12-28 21:41:24 UTC
From: Norman
Topic: 946 Message: 946

Gentlemen,

Does anyone have the pin connections for J5 (aux connector) on the RF-5022? I am wanting to use a terminal program to program/communicate with the R/T.

Thanks, Norman

947. RE: [harris-radio] RF-5022 J5 pin connections

Yahoo group: harris-radio
Date: 2011-12-29 14:51:48 UTC
From: Roger Waldmiller
Topic: 946 Message: 947

Hi Norman

Sent the connections to your E mail

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Norman
Sent: Wednesday, December 28, 2011 4:41 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5022 J5 pin connections

Gentlemen,

Does anyone have the pin connections for J5 (aux connector) on the RF-5022?
I am wanting to use a terminal program to program/communicate with the R/T.

Thanks, Norman

[Non-text portions of this message have been removed]

948. Harris RF-3200 and 3200ALE issues and questions

Yahoo group: harris-radio
Date: 2012-01-01 05:01:44 UTC
From: wa5dtw
Topic: 948 Message: 948

I have two RF-3200s one is an RF-3200 and one is an RF-3200ALE

The ALE had some damage due to shorted capacitors causing a small, fire when the inductors went up in smoke, also the 8 volt regulator pass transistor was shorted with no regulation the 8 volt rail was running at input voltage (13 volts)
Those items repaired the radio has some issues.

1 when powered up the radio will not receive until the vfo knob is moved

2 when the step button is pushed the display starts to flash at about i cps on and off until the vfo knob is moved, the radio will only tune in 10 cps steps, when in programming mode the tuning knob does not move through the options but the (*) key does work.

3 It has a NB option installed but because it is clear that the jumper J1 was cut out I assume the option was installed at a later date, when activated there is no noticeable change, does anyone know which way the components on the NB boards should face?

The ALE has two boards installed on the bottom that the plain RF-3200 does not, can I just remove the ribbon cable to eliminate them as a possible cause of some of the issues? Also is there some reference to the optional boards, I think one is a data port card and the other an amplifier control card

The RF-3200 came out of China and I do not remember seeing a serial number tag on it,(it's in the rack now) when the # button is pushed the serial number is 1 and the programming code is 427748 1X1+427747, what are the chances this is actually serial number 1? not very I think considering it came out of China!! It's over voltage protection diode on the PA board was shorted when received.

The only issue I have with the RF-3200 is if the tuning knob is rotated at a steady pace the frequency steps will stop and start somewhat erratically as if the encoder is defective.

Also these radios have a ton of IF gain and the RF gain option is just about mandatory for listening comfort, even though the two fixed resistors and pot values are not given in the service manual I have found a combination that works satisfactorily, I am assuming the pot was installed in the removable panel under the key pad?

I run allot of Harris gear in my shack and love them all.

73
Craig
W5DTW

949. RE: [harris-radio] Harris RF-3200 and 3200ALE issues and questions

Yahoo group: harris-radio
Date: 2012-01-01 14:56:04 UTC
From: Roger Waldmiller
Topic: 948 Message: 949

Hi Craig W5DTW:

WOW

Happy New Year!!!!

I'll try to answer all of your questions to your direct Email, because I do have questions I need to ask to fully understand Exactly what you have in each of the 3200's.

Email me your E mail address

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of wa5dtw
Sent: Sunday, January 01, 2012 12:02 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris RF-3200 and 3200ALE issues and questions

I have two RF-3200s one is an RF-3200 and one is an RF-3200ALE

The ALE had some damage due to shorted capacitors causing a small, fire when the inductors went up in smoke, also the 8 volt regulator pass transistor was shorted with no regulation the 8 volt rail was running at input voltage (13 volts)
Those items repaired the radio has some issues.

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Also these radios have a ton of IF gain and the RF gain option is just about mandatory for listening comfort, even though the two fixed resistors and pot values are not given in the service manual I have found a combination that works satisfactorily, I am assuming the pot was installed in the removable panel under the key pad?

I run allot of Harris gear in my shack and love them all.

73
Craig
W5DTW

[Non-text portions of this message have been removed]

950. Re: Harris RF-3200 and 3200ALE issues and questions

Yahoo group: harris-radio
Date: 2012-01-01 18:35:09 UTC
From: wa5dtw
Topic: 948 Message: 950

Sorry I meant ARQ not ALE

--- In harris-radio@yahoogroups.com, "wa5dtw" <w5dtw1@...> wrote:
>
> I have two RF-3200s one is an RF-3200 and one is an RF-3200ALE
>
> The ALE had some damage due to shorted capacitors causing a small, fire when the inductors went up in smoke, also the 8 volt regulator pass transistor was shorted with no regulation the 8 volt rail was running at input voltage (13 volts)
> Those items repaired the radio has some issues.
>
> 1 when powered up the radio will not receive until the vfo knob is moved
>
> 2 when the step button is pushed the display starts to flash at about i cps on and off until the vfo knob is moved, the radio will only tune in 10 cps steps, when in programming mode the tuning knob does not move through the options but the (*) key does work.
>
> 3 It has a NB option installed but because it is clear that the jumper J1 was cut out I assume the option was installed at a later date, when activated there is no noticeable change, does anyone know which way the components on the NB boards should face?
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> The ALE has two boards installed on the bottom that the plain RF-3200 does not, can I just remove the ribbon cable to eliminate them as a possible cause of some of the issues? Also is there some reference to the optional boards, I think one is a data port card and the other an amplifier control card
>
> The RF-3200 came out of China and I do not remember seeing a serial number tag on it,(it's in the rack now) when the # button is pushed the serial number is 1 and the programming code is 427748 1X1+427747, what are the chances this is actually serial number 1? not very I think considering it came out of China!! It's over voltage protection diode on the PA board was shorted when received.
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> The only issue I have with the RF-3200 is if the tuning knob is rotated at a steady pace the frequency steps will stop and start somewhat erratically as if the encoder is defective.
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> Also these radios have a ton of IF gain and the RF gain option is just about mandatory for listening comfort, even though the two fixed resistors and pot values are not given in the service manual I have found a combination that works satisfactorily, I am assuming the pot was installed in the removable panel under the key pad?
>
> I run allot of Harris gear in my shack and love them all.
>
> 73
> Craig

> W5DTW
>

951. RE: [harris-radio] Harris RF-3200 and 3200ALE issues and questions

Yahoo group: harris-radio
Date: 2012-01-01 19:19:07 UTC
From: w5dtw1@papaloteranch.com
Topic: 948 Message: 951

I hope the new year found you and yours doing well.

The biggest issue I have now is with the ARQ this is the one that would not receive until the vfo knob was moved after powering it up, Now the audio is inhibited and only comes "up" if I enter an error and only during the error beeps then the audio goes down again, I can however hear receive audio during that short period of time, the vfo knob will also not move through the options while in the programming mode and I can not change the tune rate, it will only tune 10 cps at a time.
73
Craig

Living Life in the Rural Lane

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
On Behalf Of Roger Waldmiller
Sent: Sunday, January 01, 2012 8:56 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Harris RF-3200 and 3200ALE issues and questions

Hi Craig W5DTW:

WOW

Happy New Year!!!!

I'll try to answer all of your questions to your direct Email, because I do
have questions I need to ask to fully understand Exactly what you have in
each of the 3200's.

Email me your E mail address

Regards

Roger

Roger w

waldrgr@... <mailto:waldrgr%40rochester.rr.com>

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com
<mailto:harris-radio%40yahoogroups.com>
[mailto:harris-radio@yahoogroups.com
<mailto:harris-radio%40yahoogroups.com>] On
Behalf Of wa5dtw
Sent: Sunday, January 01, 2012 12:02 AM
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>

Subject: [harris-radio] Harris RF-3200 and 3200ALE issues and questions

I have two RF-3200s one is an RF-3200 and one is an RF-3200ALE

The ALE had some damage due to shorted capacitors causing a small, fire
when
the inductors went up in smoke, also the 8 volt regulator pass
transistor
was shorted with no regulation the 8 volt rail was running at input
voltage
(13 volts)
Those items repaired the radio has some issues.

1 when powered up the radio will not receive until the vfo knob is moved

2 when the step button is pushed the display starts to flash at about i
cps
on and off until the vfo knob is moved, the radio will only tune in 10
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steps, when in programming mode the tuning knob does not move through
the
options but the (*) key does work.

3 It has a NB option installed but because it is clear that the jumper
J1
was cut out I assume the option was installed at a later date, when
activated there is no noticeable change, does anyone know which way the
components on the NB boards should face?

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not, can I just remove the ribbon cable to eliminate them as a possible
cause of some of the issues? Also is there some reference to the
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tag on it,(it's in the rack now) when the # button is pushed the serial
number is 1 and the programming code is 427748 1X1+427747, what are the
chances this is actually serial number 1? not very I think considering

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came out of China!! It's over voltage protection diode on the PA board
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shorted when received.

The only issue I have with the RF-3200 is if the tuning knob is rotated
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steady pace the frequency steps will stop and start somewhat erratically
as
if the encoder is defective.

Also these radios have a ton of IF gain and the RF gain option is just
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mandatory for listening comfort, even though the two fixed resistors and
pot
values are not given in the service manual I have found a combination
that
works satisfactorily, I am assuming the pot was installed in the
removable
panel under the key pad?

I run allot of Harris gear in my shack and love them all.

73
Craig
W5DTW

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

953. Prc 138

Yahoo group: harris-radio
Date: 2012-01-03 01:28:34 UTC
From: Joe
Topic: 953 Message: 953

Looking for prc138 battery box and accessories.

Does anyone have a pdf of the operations/service they can email ?

thanks,

joe w6myn

954. rf-355 control cable

Yahoo group: harris-radio
Date: 2012-01-03 05:33:15 UTC
From: vk5abc
Topic: 954 Message: 954

Hello All

I need to replicate control cable for the rf-355 amplifier, however I don't know what sort cable I require, and does it need to be shielded and the size etc. I have some cable I just don't know if it suitable. Comments please.

73's Lee

955. RF-355 tube

Yahoo group: harris-radio
Date: 2012-01-03 05:52:44 UTC
From: vk5abc
Topic: 955 Message: 955

Hello All

I have an interesting(stupid) question regarding the rf-355 amplifier. As we know it has a 3cx800a7 tube, the other day I came across a 3cx400a7 tube which has similar specs. now for my silly question will the 3cx400a7 tube work in the rf-355 amplifier? Just a thought.

73's Lee

956. Re: [harris-radio] rf-355 control cable

Yahoo group: harris-radio
Date: 2012-01-03 12:29:32 UTC
From: Stuart
Topic: 954 Message: 956

A standard computer rs232 cable that has a db25 connector on each end works just fine.

Stuart
n5lbz

From: vk5abc
Sent: Monday, January 02, 2012 11:33 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] rf-355 control cable

Hello All

I need to replicate control cable for the rf-355 amplifier, however I don't know what sort cable I require, and does it need to be shielded and the size etc. I have some cable I just don't know if it suitable. Comments please.

73's Lee

[Non-text portions of this message have been removed]

957. Re: [harris-radio] RF-355 tube

Yahoo group: harris-radio
Date: 2012-01-03 12:51:38 UTC
From: Stuart
Topic: 955 Message: 957

it might but not without some modifications.

3CX800A7 3CX400A7
1. filament voltage 13.5V 6.3V
2. Anode Diameter 2.5” 1.6”
3. Max DC Plate Voltage 2500 2200
4. Max signal DC Plate Current 600ma 350ma
5. Plate Dissipation 800W 400W
6. Max RF output Power 750W 500W

Stuart
N5lbz

From: vk5abc
Sent: Monday, January 02, 2012 11:52 PM
To: harris-radio@...m
Subject: [harris-radio] RF-355 tube

Hello All

I have an interesting(stupid) question regarding the rf-355 amplifier. As we know it has a 3cx800a7 tube, the other day I came across a 3cx400a7 tube which has similar specs. now for my silly question will the 3cx400a7 tube work in the rf-355 amplifier? Just a thought.

73's Lee

[Non-text portions of this message have been removed]

958. Re: rf-355 control cable

Yahoo group: harris-radio
Date: 2012-01-03 12:59:27 UTC
From: vk5abc
Topic: 954 Message: 958

Thanks I already tried that but 25 pin serial are not in common use anymore the 9 pin is more common. The only ones I saw listed on eBay, the seller will not ship outside the US, I need to make my own.

--- In harris-radio@yahoogroups.com, "Stuart" <n5lbz@...> wrote:
>
> A standard computer rs232 cable that has a db25 connector on each end works just fine.
>
> Stuart
> n5lbz
>
> From: vk5abc
> Sent: Monday, January 02, 2012 11:33 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] rf-355 control cable
>
>
> Hello All
>
> I need to replicate control cable for the rf-355 amplifier, however I don't know what sort cable I require, and does it need to be shielded and the size etc. I have some cable I just don't know if it suitable. Comments please.
>
> 73's Lee
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

959. Re: RF-355 tube

Yahoo group: harris-radio
Date: 2012-01-03 13:07:16 UTC
From: vk5abc
Topic: 955 Message: 959

Thanks for that, unfortunately the datasheets were not very detailed, thanks for clarifying that, and as I said a silly idea.

--- In harris-radio@yahoogroups.com, "Stuart" <n5lbz@...> wrote:
>
> it might but not without some modifications.
>
>
> 3CX800A7 3CX400A7
> 1. filament voltage 13.5V 6.3V
> 2. Anode Diameter 2.5â□□ 1.6â□□
> 3. Max DC Plate Voltage 2500 2200
> 4. Max signal DC Plate Current 600ma 350ma
> 5. Plate Dissipation 800W 400W
> 6. Max RF output Power 750W 500W
>
> Stuart
> N5lbz
>
>
> From: vk5abc
> Sent: Monday, January 02, 2012 11:52 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] RF-355 tube
>
>
> Hello All
>
> I have an interesting(stupid) question regarding the rf-355 amplifier. As we know it has a 3cx800a7 tube, the other day I came across a 3cx400a7 tube which has similar specs. now for my silly question will the 3cx400a7 tube work in the rf-355 amplifier? Just a thought.
>
> 73's Lee
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

960. Re: [harris-radio] rf-355 control cable

Yahoo group: harris-radio
Date: 2012-01-03 13:57:30 UTC
From: Joe Munson
Topic: 954 Message: 960

Hi Lee,

Do make sure it is not a Null Modem cable! It has to be a straight through cable. Most computer stores that deal on older equipment should have one.

Joe

[Non-text portions of this message have been removed]

961. Re: Prc 138

Yahoo group: harris-radio
Date: 2012-01-03 22:37:41 UTC
From: reefpoint
Topic: 953 Message: 961

I came across a new battery box for the RT on ebay. (Not my auction)
Auction number 200681931227 or just search for "harris battery box".

used ones come up often as well, for about half the price as the new one is listed at.

>
> Looking for prc138 battery box and accessories.
>

962. Re: [harris-radio] Re: Prc 138

Yahoo group: harris-radio
Date: 2012-01-04 01:02:36 UTC
From: Joseph Parisella
Topic: 953 Message: 962

Hey Thanks,

I'll have to watch for a used one.
I'm also looking for one of the knobs should you come across one.

thanks
joe w6myn

On Tue, Jan 3, 2012 at 2:37 PM, reefpoint <reefpoint@...> wrote:

> **
>
>
>
> I came across a new battery box for the RT on ebay. (Not my auction)
> Auction number 200681931227 or just search for "harris battery box".
>
> used ones come up often as well, for about half the price as the new one
> is listed at.
>
>
> >
> > Looking for prc138 battery box and accessories.
> >
>
>
>

[Non-text portions of this message have been removed]

963. RE: [harris-radio] Re: Prc 138

Yahoo group: harris-radio
Date: 2012-01-04 16:52:51 UTC
From: Roger Waldmiller
Topic: 953 Message: 963

Hi Joe
The Vol and Chan knobs were the same , the function knob had a little pin
like to stop it from turning to the Zero position, lifting it, then turned.
Are you looking for this FUNCTION Knob?
Regards
Roger
K4alphapapa

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of Joseph Parisella
Sent: Tuesday, January 03, 2012 8:03 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Prc 138

Hey Thanks,

I'll have to watch for a used one.
I'm also looking for one of the knobs should you come across one.

thanks
joe w6myn

On Tue, Jan 3, 2012 at 2:37 PM, reefpoint <reefpoint@...> wrote:

> **
>
>
>
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> used ones come up often as well, for about half the price as the new
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>
>
> >
> > Looking for prc138 battery box and accessories.
> >
>
>
>

[Non-text portions of this message have been removed]

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Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

964. CU-2310 on 10 Meters

Yahoo group: harris-radio
Date: 2012-01-04 21:08:17 UTC
From: Ronald
Topic: 964 Message: 964

I have used my CU-2310 for many years but never went above 20 Meters. I have it on a long wire, outside at the wire feed point. I recently tried it on 10 meters and you can see the SWR go to a match on the 350K bar graph but then it sits there and gives a "fault" in about 10 seconds. So, I switched over to a 15' whip and the same thing, 1:1 match but it goes into fault. I have a spare coupler and it does the same. Anyone ever experience this? I discovered mine will do this above 18Mhz on wire or whip.

965. RF-353 Amplifier Top cover

Yahoo group: harris-radio
Date: 2012-01-08 19:16:03 UTC
From: Steve
Topic: 965 Message: 965

Does anyone have a top cover for an RF-355 they would like to sell? Mine is missing.

73
Steve KD2OM

966. Re: [harris-radio] RF-3200 Weak Mic Gain

Yahoo group: harris-radio
Date: 2012-01-12 16:31:58 UTC
From: Brooke Clarke
Topic: 853 Message: 966

Hi Harris List, Al & Dennis:

Last night I could hear the mil radio net on 3996 but they could not hear me with the RF3200ET.

The Service Manual Pub 10212-0300-20 April 1994, A2 Audio PWB Assy, sheet 2 of 2
Shows two input lines:
CMIC+ (carbon Mike +) from sheet 1 & 1.9 V P-P nominal
MIC+ (Electret or Condensor) from sheet 1 & 0.35 V P-P nominal
With R30 as an optional 10K resistor to be installed when condenser mikes are used.

It also shows R17 as 4K7.

The mike is a Sure Prologue Model: 6L-B 500 Ohm Dynamic.

Is there a way to inject an audio signal and tell if the Tx Mike gain is OK?

How to open up the suitcase version to access the A2 Audio board?
http://www.prc68.com/I/RF3200ET.shtml

Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/Brooke4Congress.html

Al wrote:
> Group,
>
> I've been working my way through a 3200 for a friend. While tracking down a microphone level problem, I discovered that there was a wrong-value resistor seemingly factory installed.
>
> The culprit was R-17 on the A2 audio board. Prescribed value is 33K ohms, but a 3.3K device was installed. The result was that U2, the mic preamp was now providing a 4.8 dB loss rather than a 5.2 dB gain, leaving the audio chain at a 10 dB deficit.
>
> Then I reread KB0SFP's review on eham.net: "By all accounts it has excellent TX audio processing though you must almost scream into the mic to achieve it(very low mic sensitivity). Wirering alternate mics& internal adjustments have had no difference." If you have this symptom, perhaps you should check A2-R17.
>
> Regards,
> Al
>
>
>

> ----------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
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>
>
>
>

967. Re: [harris-radio] RF-3200 Weak Mic Gain

Yahoo group: harris-radio
Date: 2012-01-12 19:06:06 UTC
From: Al Klase
Topic: 853 Message: 967

Hi Brook,

I'm working from drawing 10212-2211 Rev F. It shows the feedback resistor, R17, as 33K and the input resistor, R16, as 10K. That should give the MIC PREAMP, U2, a voltage gain of 33K/10K = 3.3 or 10.37 dB. (20 log Vout/Vin) However, the drawing claims 6 dB. So there's something going on hear.

Increasing R17 will increase the gain. PERIOD! I really don't know much about these specific radios.

The parallel combination of R15 and R30 is effectively in series with R16 when the CMIC input is used, further reducing the gain.

The radio here came with a "Harris" dynamic mic made in Japan. It had the "you-gotta-shout" symptom. Changing R17 to 33K made me happy.

I see no reason not to change R17 to 33K.

Good luck,
Al

On 1/12/2012 11:31 AM, Brooke Clarke wrote:
> Hi Harris List, Al & Dennis:
>
> Last night I could hear the mil radio net on 3996 but they could not
> hear me with the RF3200ET.
>
> The Service Manual Pub 10212-0300-20 April 1994, A2 Audio PWB Assy,
> sheet 2 of 2
> Shows two input lines:
> CMIC+ (carbon Mike +) from sheet 1 & 1.9 V P-P nominal
> MIC+ (Electret or Condensor) from sheet 1 & 0.35 V P-P nominal
> With R30 as an optional 10K resistor to be installed when condenser
> mikes are used.
>
> It also shows R17 as 4K7.
>
> The mike is a Sure Prologue Model: 6L-B 500 Ohm Dynamic.
>
> Is there a way to inject an audio signal and tell if the Tx Mike gain
> is OK?
>
> How to open up the suitcase version to access the A2 Audio board?
> http://www.prc68.com/I/RF3200ET.shtml
>
> Have Fun,

>
> Brooke Clarke, N6GCE
> http://www.PRC68.com
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>
>
> Al wrote:
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>>
>> I've been working my way through a 3200 for a friend. While tracking
>> down a microphone level problem, I discovered that there was a
>> wrong-value resistor seemingly factory installed.
>>
>> The culprit was R-17 on the A2 audio board. Prescribed value is 33K
>> ohms, but a 3.3K device was installed. The result was that U2, the
>> mic preamp was now providing a 4.8 dB loss rather than a 5.2 dB gain,
>> leaving the audio chain at a 10 dB deficit.
>>
>> Then I reread KB0SFP's review on eham.net: "By all accounts it has
>> excellent TX audio processing though you must almost scream into the
>> mic to achieve it(very low mic sensitivity). Wirering alternate
>> mics& internal adjustments have had no difference." If you have
>> this symptom, perhaps you should check A2-R17.
>>
>> Regards,
>> Al
>>
>>
>>
>> ------------------------------------
>>
>> This Group Brought to you by 2mypc
>>
>> Are you with an ISP that gives you a dynamic IP?
>> Do you need a domain name and don't want to pay a lot for it?
>> Does your IP change every day or even every hour? and you need a way
>> to get to you PC from outside your home or business?
>>
>> www.2mypc.netYahoo! Groups Links
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>>
>>
>>
>>
> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2012.0.1901 / Virus Database: 2109/4738 - Release Date: 01/12/12

--
Al Klase - N3FRQ
Jersey City, NJ
http://www.skywaves.ar88.net/

968. Re: [harris-radio] RF-3200 Weak Mic Gain

Yahoo group: harris-radio
Date: 2012-01-12 19:41:17 UTC
From: Brooke Clarke
Topic: 853 Message: 968

Hi:

Al mentioned the output power bar graph and it's showing 150 Watts with a whistle.
Pressing RFL shows 0 Watts reflected.

I've updated my RF3200ET page to show the Mike connector pinouts.
http://www.prc68.com/I/RF3200ET.shtml#LoMike

Maybe the TCI651T antenna has a problem?
http://www.prc68.com/I/WireAntenna.shtml#TCI651T

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/Brooke4Congress.html

Al Klase wrote:
> Hi Brook,
>
> I'm working from drawing 10212-2211 Rev F. It shows the feedback resistor, R17, as 33K
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>>>
>>> Regards,
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>>>
>>> ------------------------------------
>>>
>>> This Group Brought to you by 2mypc

>>>
>>> Are you with an ISP that gives you a dynamic IP?
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>>> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or
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>>> www.2mypc.netYahoo! Groups Links
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>> No virus found in this message.
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>> Version: 2012.0.1901 / Virus Database: 2109/4738 - Release Date: 01/12/12
>

969. Re: [harris-radio] RF-3200 Weak Mic Gain

Yahoo group: harris-radio
Date: 2012-01-12 19:50:24 UTC
From: Al Klase
Topic: 853 Message: 969

I'll bet I'd hook it to a dummy load with a scope across it, and see
what's really happening. If memory serves, 100 watts in 50 ohms is
about 200 volts pk-pk.

Al

On 1/12/2012 2:41 PM, Brooke Clarke wrote:
> Hi:
>
> Al mentioned the output power bar graph and it's showing 150 Watts
> with a whistle.
> Pressing RFL shows 0 Watts reflected.
>
> I've updated my RF3200ET page to show the Mike connector pinouts.
> http://www.prc68.com/I/RF3200ET.shtml#LoMike
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--
Al Klase - N3FRQ
Jersey City, NJ
http://www.skywaves.ar88.net/

970. Re: [harris-radio] RF-3200 Weak Mic Gain

Yahoo group: harris-radio
Date: 2012-01-12 19:52:44 UTC
From: Dennis
Topic: 853 Message: 970

A loud whistle will not often indicate faults in a microphone, especially one that has poor sensitivity.
Steve's 3200 would also produce full power with a whistle but performed very poorly with even above normal voice input.

I have a Shure built Transworld mic apart right now on the bench that will ONLY has output with a whistle! I'm hoping it's full of crud.

Dennis Starks
Military-Radio-Guy
KB0SFP
HFpack/Milpack Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>_____
> From: Brooke Clarke <brooke@...>
>To: Al Klase <al@...>
>Cc: harris-radio@yahoogroups.com; Dennis <spike.dennis@...>
>Sent: Thursday, January 12, 2012 1:41 PM
>Subject: Re: [harris-radio] RF-3200 Weak Mic Gain
>
>Hi:
>
>Al mentioned the output power bar graph and it's showing 150 Watts with a whistle.
>Pressing RFL shows 0 Watts reflected.
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>I've updated my RF3200ET page to show the Mike connector pinouts.
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>
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>>>> The culprit was R-17 on the A2 audio board. Prescribed value is 33K ohms, but a 3.3K device was installed. The result was that U2, the mic preamp was now providing a 4.8 dB loss rather than a 5.2 dB gain, leaving the audio chain at a 10 dB deficit.
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>
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[Non-text portions of this message have been removed]

971. Re: [harris-radio] RF-3200 Weak Mic Gain

Yahoo group: harris-radio
Date: 2012-01-12 19:47:20 UTC
From: Dennis
Topic: 853 Message: 971

The original CB type dynamic mics supplied by Harris with many of the 3200 series radios is JUNK!
Mine apparently was supplied with a deluxe. It's a Shure 404 style mic that has an internal transistor coupling amp as do most land mobile GE/Motorola radios. Though it works well, you still must yell. I have not yet investigated Al's find with R17 yet.

Steve, KM4V has been using an RF3200 for several weeks now combined with it's companion antenna coupler & 30ft wire+ counterpoise. He has been very tough copy all the while. In fact, 20 watt pack sets used within a few miles of his east Tennessee location have been easier to hear in Missouri. He recently wired a Shure 404 type mic to the radio & that made an extremely significant difference. He was replacing a Jap made, Harris supplied, CB type mic. Steve also noted a different value resister in his radio for R17. I forget now what that value was.

If you are using a Jap made mic, dump it a wire up a Shure. Even though used on GE Mastr II, or Motorola System 90 types will work. I use a Shure built GE Mastr II desk mic with mine from time to time.

Dennis Starks
Military-Radio-Guy
KB0SFP
HFpack/Milpack Monitor(all USB):
3996, 5403.5, 7296, 14342.5, 18157.5

>_____
> From: Al Klase <al@...>
>To: Brooke Clarke <brooke@...>
>Cc: harris-radio@yahoogroups.com; Dennis <spike.dennis@...>
>Sent: Thursday, January 12, 2012 1:06 PM
>Subject: Re: [harris-radio] RF-3200 Weak Mic Gain
>
>Hi Brook,
>
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>-- Al Klase - N3FRQ
>Jersey City, NJ
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>

[Non-text portions of this message have been removed]

972. RE: [harris-radio] RF-3200 Weak Mic Gain

Yahoo group: harris-radio
Date: 2012-01-12 20:41:48 UTC
From: Roger Waldmiller
Topic: 853 Message: 972

Hi Al, Brooke, Dennis.

All are right about R16 and R17 fixing the mike gain. In MFG these were sometimes changed for the customer and the type of mic.

All the dynamic mic's were wired to pin 8 (hot) and audio gnd pin 7. Pin 5 and 6 PTT.

Originally the 6L-B-500 ,by Shure , made off shore , was the mic shipped with the 3200's. It was upgraded for the E,ET's with a better Shure mic 590T, wired with out the preamp. Basically any DYNAMIC mic will work , but all mic's are not created equal .

The mic audio goes to the A2 audio card and then immediately to the A3 RXEX bd .

If the mic has good sensitivity and good output out of A2 you might check A3 ckty, EXCITER adjustments. Substitution of A3 bd might prove which bd is the problem.

Normally you should have good audio , almost full power with the handheld mic close to the mouth ,speaking in a ave voice, not shouting or whistling.

What does the ET sound like in a nearby radio??

NOTE : Taking a T or ET apart to get to the bds is quit a task. Manual Supplement 10262-0310 pgs 2-5-2-13 does list a section of disassembly.

After you get it apart you will need extension cables to work on the bds.

I have done a few (many,many) in my time.

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Brooke Clarke
Sent: Thursday, January 12, 2012 11:32 AM

To: harris-radio@yahoogroups.com
Cc: Al; Dennis
Subject: Re: [harris-radio] RF-3200 Weak Mic Gain

Hi Harris List, Al & Dennis:

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> www.2mypc.netYahoo! Groups Links
>
>
>
>
>

[Non-text portions of this message have been removed]

973. RF-3200 Mike Connector?

Yahoo group: harris-radio
Date: 2012-01-13 20:29:36 UTC
From: Brooke Clarke
Topic: 853 Message: 973

Hi:

I'd like to try some experiments and need some of the RF3200 Mike connectors. What Brand & Model are they?

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/Brooke4Congress.html

974. Re: [harris-radio] RF-3200 Mike Connector?

Yahoo group: harris-radio
Date: 2012-01-13 23:56:13 UTC
From: S C Marrow
Topic: 853 Message: 974

Brooke,
I believe they are a standard 8 pin plug like used on Icom, Yaesu, Kenwood radios; I bought one 2 weeks ago at my local Radio Shack when I setup another mic and external RF speech processor on my plain 3200.

Steve
KM4V

[Non-text portions of this message have been removed]

975. RE: [harris-radio] RF-3200 Mike Connector?

Yahoo group: harris-radio
Date: 2012-01-14 14:03:39 UTC
From: Roger Waldmiller
Topic: 853 Message: 975

Hello:

Look at www.packetradio.com Buxcomm , under microphone conn CBC8 female conn.

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Brooke Clarke
Sent: Friday, January 13, 2012 3:30 PM
To: Al Klase
Cc: harris-radio@yahoogroups.com; Dennis
Subject: [harris-radio] RF-3200 Mike Connector?

Hi:

I'd like to try some experiments and need some of the RF3200 Mike connectors. What Brand & Model are they?

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/Brooke4Congress.html

[Non-text portions of this message have been removed]

976. RF-480 Power Supply

Yahoo group: harris-radio
Date: 2012-01-18 22:50:28 UTC
From: scm325
Topic: 976 Message: 976

Anybody know what radio or series or radios the RF-480 power supply was made to be used with; also anybody got a manual (in any format) for one.

Thanks,
Steve
KM4V

977. RE: [harris-radio] RF-480 Power Supply

Yahoo group: harris-radio
Date: 2012-01-19 01:17:20 UTC
From: Roger Waldmiller
Topic: 976 Message: 977

Hi Steve:

The RF 480 power supply was used with the RF 1550 series VHF radio in base station and repeater units .

It is the predecessor to the RF3236 power supply, only at a lower current rating.

The circuitry is the same except for the some updating components.

It will handle the RF 3200 .

More info is available , pts, schematic, manual.contact me

Regards

Roger w

waldrgr@...

k4alphapapa

Old Short Range 2way

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of scm325
Sent: Wednesday, January 18, 2012 5:50 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-480 Power Supply

Anybody know what radio or series or radios the RF-480 power supply was made to be used with; also anybody got a manual (in any format) for one.

Thanks,
Steve
KM4V

[Non-text portions of this message have been removed]

978. RF-601A question

Yahoo group: harris-radio
Date: 2012-01-19 16:11:37 UTC
From: Bill Chapman
Topic: 978 Message: 978

Howdy Harris Group ..
I'm new to the group and wondering if anyone could tell me how much money it would take to buy an RF-601A coupler with controller in working condition. Thanks for any help you can give.

Bill
K5GGB

979. Re: [harris-radio] RF-601A question

Yahoo group: harris-radio
Date: 2012-01-19 18:22:39 UTC
From: Doug Smith [W7KF]
Topic: 978 Message: 979

I sold mine a few years back for $1,500. Surplus dealers may suggest a somewhat higher price.

73,
Doug, W7KF
http://www.w7kf.com

Bill Chapman wrote:
>
>
> Howdy Harris Group ..
> I'm new to the group and wondering if anyone could tell me how much
> money it would take to buy an RF-601A coupler with controller in working
> condition. Thanks for any help you can give.
>
> Bill
> K5GGB

980. Re: RF-601A question

Yahoo group: harris-radio
Date: 2012-01-21 12:34:09 UTC
From: f1frv
Topic: 978 Message: 980

500 Euro at Fridrichshafen hamfair last year
complete with control box.....
and not only one for sale.....
http://www.hamradio-friedrichshafen.de/ham-en/index.php

73's
dom
--- In harris-radio@yahoogroups.com, "Bill Chapman" <k5ggb@...> wrote:
>
> Howdy Harris Group ..
> I'm new to the group and wondering if anyone could tell me how much money it would take to buy an RF-601A coupler with controller in working condition. Thanks for any help you can give.
>
> Bill
> K5GGB
>

981. RF-355 AM-7223 Part needed

Yahoo group: harris-radio
Date: 2012-01-22 23:43:46 UTC
From: Jamey Wright
Topic: 981 Message: 981

In need of the meter select switch or the shaft if it is replaceable. The shaft on the meter select switch on mine has gotten sheared off and needs to be replaced.

Thanks

Jamey
WR4JW

982. RF-355 AM-7223 Part Needed

Yahoo group: harris-radio
Date: 2012-01-26 02:46:26 UTC
From: Jamey Wright
Topic: 982 Message: 982

I am looking for either a source for a Grayhill 55P3001110NF rotary switch or the front panel board for a AM-7223/RF-355 amplifier. This rotary switch is the meter select switch. If someone can recommend a substitute and where to find one, I would appreciate that as well.

Thanks

Jamey
WR4JW

[Non-text portions of this message have been removed]

983. new uploads for RF-3466A HF digital modem

Yahoo group: harris-radio
Date: 2012-01-26 22:20:19 UTC
From: frankk2ncc
Topic: 983 Message: 983

NEW UPLOADS

RF-3466A install and user manual in "Files", "RF-3466A" folder.
RF-3466A photo overview, inside & out, "Photos", "RF-3466A" folder.

Vy 73, de Frank K2NCC

984. Clansman PRC-320 Group

Yahoo group: harris-radio
Date: 2012-01-28 19:09:14 UTC
From: martin
Topic: 984 Message: 984

This is an invite to Join one of the fastest growing and friendly groups on yahoo; it is the Group for the Clansman PRC-320 HF backpack radio. Please follow the link and join our group.

http://groups.yahoo.com/group/prc320/

985. Re: rf-355 control cable

Yahoo group: harris-radio
Date: 2012-01-28 23:01:53 UTC
From: kennlyng
Topic: 954 Message: 985

Hi Lee

What i did was to look for db25 parallel printer extender cables on ebay picked 2 for less than 10$
add "IEEE1284 DB25" to your search string or make one yourself if you have the parts

regards Kenneth

--- In harris-radio@yahoogroups.com, "Joe Munson" <prc74b@...> wrote:
>
> Hi Lee,
>
> Do make sure it is not a Null Modem cable! It has to be a straight through cable. Most computer stores that deal on older equipment should have one.
>
> Joe
>
> [Non-text portions of this message have been removed]
>

986. Harris RF-3200 Password

Yahoo group: harris-radio
Date: 2012-01-29 03:27:02 UTC
From: mauriziopiovan
Topic: 986 Message: 986

Hi! I bought a Harris RF-3200 HF/SSB Transceiver. It's working very good but I have a problem: the door covering the front keypad is missing and also the two passwords to access to the operative menu. Can anyone help me how to replace these two passwords? Waiting for reply. Many Thanks in advance to all reply. Regards. Maurizio I3NJQ. E-Mail: depio@...

987. Harfris RF-3200 Passwords.

Yahoo group: harris-radio
Date: 2012-01-29 08:11:00 UTC
From: mauriziopiovan
Topic: 987 Message: 987

Hi! The serial Number marked on the rear Panel of the Transceiver is: 175. If I push the button marked # on the keypad nothing happened. If i push the button marked PGR one time I read P9 PASS and if I push it a second time I read CF PASS. If I push the button marked EDIT and then * I read FULL PR. Nothing else. Anyone can help me? Many Thanks in advance. regards. Maurizio I3NJQ. E-Mail: depio@...

988. RE: [harris-radio] Harris RF-3200 Password

Yahoo group: harris-radio
Date: 2012-01-29 18:12:17 UTC
From: Roger Waldmiller
Topic: 986 Message: 988

Hello Maurizio I3NJQ

Congratulations on the 3200.

I can help you with information you need.

Contact my E mail.

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of mauriziopiovan
Sent: Saturday, January 28, 2012 10:27 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris RF-3200 Password

Hi! I bought a Harris RF-3200 HF/SSB Transceiver. It's working very good but I have a problem: the door covering the front keypad is missing and also the two passwords to access to the operative menu. Can anyone help me how to replace these two passwords? Waiting for reply. Many Thanks in advance to all reply. Regards. Maurizio I3NJQ. E-Mail: depio@... <mailto:depio%40libero.it>

[Non-text portions of this message have been removed]

989. RE: [harris-radio] Harfris RF-3200 Passwords.

Yahoo group: harris-radio
Date: 2012-01-29 18:20:37 UTC
From: Roger Waldmiller
Topic: 987 Message: 989

Hello Maurizio I3NJQ:

Just the info I need.

175 This is very old unit with OLF f/w that will not display your electronic s/n or f/w/.

Contact me at my E mail

THX

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of mauriziopiovan
Sent: Sunday, January 29, 2012 3:11 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harfris RF-3200 Passwords.

Hi! The serial Number marked on the rear Panel of the Transceiver is: 175. If I push the button marked # on the keypad nothing happened. If i push the button marked PGR one time I read P9 PASS and if I push it a second time I read CF PASS. If I push the button marked EDIT and then * I read FULL PR. Nothing else. Anyone can help me? Many Thanks in advance. regards. Maurizio I3NJQ. E-Mail: depio@... <mailto:depio%40libero.it>

[Non-text portions of this message have been removed]

990. RX-2368

Yahoo group: harris-radio
Date: 2012-01-29 23:42:22 UTC
From: Jon-KB1DC
Topic: 990 Message: 990

Hello to the Group,

I just acquired a R-2368 receiver. Upon firing it up for the first time the fault light went on with no other indicators or display on - completely dead only the red fault lamp was on. Further investigation showed that -15volts on A16A3 test points was missing. When disconnecting all the connectors to the other boards to the power supply the -15 came up. I said one of the modules is bringing down the negative 15 volts. Not to bad - right! Well disconnecting all the top modules bought back the -15 - this was good. However now plugging them in one at a time to prove which card it was showed that the negative 15 volts stayed on when everything was plugged back in and now the display is all on HOWEVER it is frozen at 10.0000Mhz like some sort of default value. I have no control on the front panel. Everything is frozen, no response. I'm now looking at A14 (control PWB) but looks ok - anybody out there who could give some advise. I'm still on a learning curve.

Thanks,
Jon, KB1DC

991. For Sale

Yahoo group: harris-radio
Date: 2012-01-29 23:53:48 UTC
From: kc2leb
Topic: 991 Message: 991

I have been authorized by our club to liquidate our spares inventory.
Our two VHF Alpha 2000 radios will be sold as is without the controller or CTCSS board. I figured I would offer them here before they go up for auction. One is working the other is a parts unit.
Photos are in the Photos Section in this Group.
If interested please contact with offer.

992. Re: [harris-radio] RX-2368

Yahoo group: harris-radio
Date: 2012-01-30 00:42:16 UTC
From: Terry Hines
Topic: 990 Message: 992

Is remote light lite?

Terry

Sent from my iPad

On Jan 29, 2012, at 6:42 PM, "Jon-KB1DC" <jonklinkhamer@...> wrote:

> Hello to the Group,
>
> I just acquired a R-2368 receiver. Upon firing it up for the first time the fault light went on with no other indicators or display on - completely dead only the red fault lamp was on. Further investigation showed that -15volts on A16A3 test points was missing. When disconnecting all the connectors to the other boards to the power supply the -15 came up. I said one of the modules is bringing down the negative 15 volts. Not to bad - right! Well disconnecting all the top modules bought back the -15 - this was good. However now plugging them in one at a time to prove which card it was showed that the negative 15 volts stayed on when everything was plugged back in and now the display is all on HOWEVER it is frozen at 10.0000Mhz like some sort of default value. I have no control on the front panel. Everything is frozen, no response. I'm now looking at A14 (control PWB) but looks ok - anybody out there who could give some advise. I'm still on a learning curve.
>
> Thanks,
> Jon, KB1DC
>
>

[Non-text portions of this message have been removed]

993. Re: [harris-radio] RX-2368

Yahoo group: harris-radio
Date: 2012-01-30 01:35:36 UTC
From: jonklinkhamer@comcast.net
Topic: 990 Message: 993

Terry,

None - I have since played around with it and after a couple of power cycles, I get different start ups. I'm almost thinking that maybe I corrupted the firmware somehow.

----- Original Message -----
From: "Terry Hines" <ab8al@...>
To: harris-radio@yahoogroups.com
Sent: Sunday, January 29, 2012 7:42:16 PM
Subject: Re: [harris-radio] RX-2368

Is remote light lite?

Terry

Sent from my iPad

On Jan 29, 2012, at 6:42 PM, "Jon-KB1DC" < jonklinkhamer@... > wrote:

> Hello to the Group,
>
> I just acquired a R-2368 receiver. Upon firing it up for the first time the fault light went on with no other indicators or display on - completely dead only the red fault lamp was on. Further investigation showed that -15volts on A16A3 test points was missing. When disconnecting all the connectors to the other boards to the power supply the -15 came up. I said one of the modules is bringing down the negative 15 volts. Not to bad - right! Well disconnecting all the top modules bought back the -15 - this was good. However now plugging them in one at a time to prove which card it was showed that the negative 15 volts stayed on when everything was plugged back in and now the display is all on HOWEVER it is frozen at 10.0000Mhz like some sort of default value. I have no control on the front panel. Everything is frozen, no response. I'm now looking at A14 (control PWB) but looks ok - anybody out there who could give some advise. I'm still on a learning curve.
>
> Thanks,
> Jon, KB1DC
>
>

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[Non-text portions of this message have been removed]

994. RE: [harris-radio] RX-2368

Yahoo group: harris-radio
Date: 2012-01-30 16:24:11 UTC
From: W2HX
Topic: 990 Message: 994

Very likely bad tantalum caps around the CPU or other digital control areas of the receiver.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of jonklinkhamer@comcast.net
Sent: Sunday, January 29, 2012 8:36 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RX-2368

Terry,

None - I have since played around with it and after a couple of power cycles, I get different start ups. I'm almost thinking that maybe I corrupted the firmware somehow.

----- Original Message -----
From: "Terry Hines" <ab8al@... <mailto:ab8al%40yahoo.com> >
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Sent: Sunday, January 29, 2012 7:42:16 PM
Subject: Re: [harris-radio] RX-2368

Is remote light lite?

Terry

Sent from my iPad

On Jan 29, 2012, at 6:42 PM, "Jon-KB1DC" < jonklinkhamer@...t <mailto:jonklinkhamer%40comcast.net> > wrote:

> Hello to the Group,
>
> I just acquired a R-2368 receiver. Upon firing it up for the first time the fault light went on with no other indicators or display on - completely dead only the red fault lamp was on. Further investigation showed that -15volts on A16A3 test points was missing. When disconnecting all the connectors to the other boards to the power supply the -15 came up. I said one of the modules is bringing down the negative 15 volts. Not to bad - right! Well disconnecting all the top modules bought back the -15 - this was good. However now plugging them in one at a time to prove which card it was showed that the negative 15 volts stayed on when everything was plugged back in and now the display is all on HOWEVER it is frozen at 10.0000Mhz like some sort of default value. I have no control on the front panel. Everything is frozen, no response. I'm now looking at A14 (control PWB) but looks ok - anybody out there who could give some advise. I'm still on a learning curve.
>
> Thanks,
> Jon, KB1DC

>
>

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

995. Re: RX-2368

Yahoo group: harris-radio
Date: 2012-01-30 16:30:46 UTC
From: murphyjunk
Topic: 990 Message: 995

Check the memory battery. dead or shorted causes lots of strange errors.

--- In harris-radio@yahoogroups.com, "Jon-KB1DC" <jonklinkhamer@...> wrote:
>
> Hello to the Group,
>
> I just acquired a R-2368 receiver. Upon firing it up for the first time the fault light went on with no other indicators or display on - completely dead only the red fault lamp was on. Further investigation showed that -15volts on A16A3 test points was missing. When disconnecting all the connectors to the other boards to the power supply the -15 came up. I said one of the modules is bringing down the negative 15 volts. Not to bad - right! Well disconnecting all the top modules bought back the -15 - this was good. However now plugging them in one at a time to prove which card it was showed that the negative 15 volts stayed on when everything was plugged back in and now the display is all on HOWEVER it is frozen at 10.0000Mhz like some sort of default value. I have no control on the front panel. Everything is frozen, no response. I'm now looking at A14 (control PWB) but looks ok - anybody out there who could give some advise. I'm still on a learning curve.
>
> Thanks,
> Jon, KB1DC
>

996. Re: [harris-radio] Re: RX-2368

Yahoo group: harris-radio
Date: 2012-01-30 16:38:09 UTC
From: jonklinkhamer@comcast.net
Topic: 990 Message: 996

That would be great if this was the issue cuz it seems like I'm getting lots of different start up errors with different errors - Thank you very much!

----- Original Message -----
From: " murphyjunk " < mmurphys @ sbcglobal .net>
To: harris-radio@ yahoogroups .com
Sent: Monday, January 30, 2012 11:30:46 AM
Subject: [harris-radio] Re: RX-2368

Check the memory battery. dead or shorted causes lots of strange errors.

--- In harris-radio@ yahoogroups .com , "Jon-KB1DC" < jonklinkhamer @...> wrote:
>
> Hello to the Group,
>
> I just acquired a R-2368 receiver. Upon firing it up for the first time the fault light went on with no other indicators or display on - completely dead only the red fault lamp was on. Further investigation showed that -15volts on A16A3 test points was missing. When disconnecting all the connectors to the other boards to the power supply the -15 came up. I said one of the modules is bringing down the negative 15 volts. Not to bad - right! Well disconnecting all the top modules bought back the -15 - this was good. However now plugging them in one at a time to prove which card it was showed that the negative 15 volts stayed on when everything was plugged back in and now the display is all on HOWEVER it is frozen at 10.0000Mhz like some sort of default value. I have no control on the front panel. Everything is frozen, no response. I'm now looking at A14 (control PWB) but looks ok - anybody out there who could give some advise. I'm still on a learning curve.
>
> Thanks,
> Jon, KB1DC
>

[Non-text portions of this message have been removed]

997. PRC-150 manpack pinouts

Yahoo group: harris-radio
Date: 2012-01-30 16:45:51 UTC
From: mike kendall
Topic: 990 Message: 997

Hello,

  Can anyone provide me the pinouts with what is on each pin for the PRC-150 manpack?

Best regards,
Mike Kendall

[Non-text portions of this message have been removed]

998. Re: [harris-radio] PRC-150 manpack pinouts

Yahoo group: harris-radio
Date: 2012-01-30 17:31:24 UTC
From: mike kendall
Topic: 990 Message: 998

Hello,

  If remember correctly, the PRC-150 provides a serial signal to tell the coupler what frequency it is on but I'm hoping there may be pins with band information on it. I'm mostly hoping that there is output logic on a pin to initiate a retune on the coupler every time the frequency is changed and if that exists what pin/connector it is.

Best regards,
Mike Kendall

--- On Mon, 1/30/12, mike kendall <ke6cvh@...> wrote:

From: mike kendall <ke6cvh@...>
Subject: [harris-radio] PRC-150 manpack pinouts
To: harris-radio@yahoogroups.com
Date: Monday, January 30, 2012, 8:45 AM

Hello,

  Can anyone provide me the pinouts with what is on each pin for the PRC-150 manpack?

Best regards,
Mike Kendall

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

999. Re: PRC-150 manpack pinouts

Yahoo group: harris-radio
Date: 2012-01-30 17:46:23 UTC
From: Mark
Topic: 990 Message: 999

Unfortunately, the PRC-150 only talks to the coupler/PA via serial data on J6 pins 3(-) and 4(+). This is +5v differential Async data @ 150 Kbps. The exception to this is the PA On/Off control and the PA Pwr feedback line.

--- In harris-radio@yahoogroups.com, mike kendall <ke6cvh@...> wrote:
>
> Hello,
> Â
> Â If remember correctly, the PRC-150 provides a serial signal to tell the coupler what frequency it is on but I'm hoping there may be pins with band information on it.Â I'm mostlyÂ hoping that there isÂ output logic on a pinÂ to initiate a retune on the coupler every time the frequency is changed and if that exists what pin/connector it is.
>
> Â
> Best regards,
> Mike Kendall
>
> --- On Mon, 1/30/12, mike kendall <ke6cvh@...> wrote:
>
>
> From: mike kendall <ke6cvh@...>
> Subject: [harris-radio] PRC-150 manpack pinouts
> To: harris-radio@yahoogroups.com
> Date: Monday, January 30, 2012, 8:45 AM
>
>
>
> Â
>
>
>
> Hello,
> Â
> Â Can anyone provide me the pinouts with what is on each pin for the PRC-150 manpack?
> Â
> Best regards,
> Mike Kendall
> Â
>
> [Non-text portions of this message have been removed]
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> [Non-text portions of this message have been removed]
>

1000. Re: [harris-radio] Re: PRC-150 manpack pinouts

Yahoo group: harris-radio
Date: 2012-01-31 12:43:32 UTC
From: mike kendall
Topic: 990 Message: 1000

Mark,

  Is the Async prorprietary or is it easy to use and available? I was told that the MFJ-998RT 1.5KW coupler has the ability to have the frequency read in to it instead of just sensing it and tuning. There is not a connector on the case but a connector and control cable could be added with little work. Getting the two to understand each other is obviously the hurdle.

Best regards,
Mike Kendall

--- On Mon, 1/30/12, Mark <seastar@...> wrote:

From: Mark <seastar@...>
Subject: [harris-radio] Re: PRC-150 manpack pinouts
To: harris-radio@yahoogroups.com
Date: Monday, January 30, 2012, 9:46 AM

Unfortunately, the PRC-150 only talks to the coupler/PA via serial data on J6 pins 3(-) and 4(+). This is +5v differential Async data @ 150 Kbps. The exception to this is the PA On/Off control and the PA Pwr feedback line.

--- In harris-radio@yahoogroups.com, mike kendall <ke6cvh@...> wrote:
>
> Hello,
> Â
> Â If remember correctly, the PRC-150 provides a serial signal to tell the coupler what frequency it is on but I'm hoping there may be pins with band information on it.Â I'm mostlyÂ hoping that there isÂ output logic on a pinÂ to initiate a retune on the coupler every time the frequency is changed and if that exists what pin/connector it is.
>
> Â
> Best regards,
> Mike Kendall
>
> --- On Mon, 1/30/12, mike kendall <ke6cvh@...> wrote:
>
>
> From: mike kendall <ke6cvh@...>
> Subject: [harris-radio] PRC-150 manpack pinouts
> To: harris-radio@yahoogroups.com
> Date: Monday, January 30, 2012, 8:45 AM
>
>
>
> Â

>
>
>
> Hello,
> Â
> Â Can anyone provide me the pinouts with what is on each pin for the PRC-150 manpack?
> Â
> Best regards,
> Mike Kendall
> Â
>
> [Non-text portions of this message have been removed]
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1001. Re: PRC-150 manpack pinouts

Yahoo group: harris-radio
Date: 2012-02-02 04:44:25 UTC
From: Mike
Topic: 990 Message: 1001

I believe its the same protocol as the PRC-138 and RF-5000 system which is not compatible with any amateur rigs I have encountered. The radio to amplifier or coupler keying and most other functions are serial commands.
Mike

--- In harris-radio@yahoogroups.com, mike kendall <ke6cvh@...> wrote:
>
> Mark,
> Â
> Â Is the Async prorprietary or is it easy to use and available?Â I was told that the MFJ-998RT 1.5KW coupler has the ability to have the frequency read in to it instead of just sensing it and tuning.Â There is not a connector on the case butÂ a connector and control cable could be added with little work.Â Â Getting the two to understand each other is obviously the hurdle.Â
> Â
> Best regards,
> Mike Kendall
>
>
> --- On Mon, 1/30/12, Mark <seastar@...> wrote:
>
>
> From: Mark <seastar@...>
> Subject: [harris-radio] Re: PRC-150 manpack pinouts
> To: harris-radio@yahoogroups.com
> Date: Monday, January 30, 2012, 9:46 AM
>
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> Â
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>
> Unfortunately, the PRC-150 only talks to the coupler/PA via serial data on J6 pins 3(-) and 4(+). This is +5v differential Async data @ 150 Kbps. The exception to this is the PA On/Off control and the PA Pwr feedback line.
>
> --- In harris-radio@yahoogroups.com, mike kendall <ke6cvh@> wrote:
> >
> > Hello,
> > Ã□Â
> > Ã□Â If remember correctly, the PRC-150 provides a serial signal to tell the coupler what frequency it is on but I'm hoping there may be pins with band information on it.Ã□Â I'm mostlyÃ□Â hoping that there isÃ□Â output logic on a pinÃ□Â to initiate a retune on the coupler every time the frequency is changed and if that exists what pin/connector it

is.
> >
> > Ã□Â
> > Best regards,
> > Mike Kendall
> >
> > --- On Mon, 1/30/12, mike kendall <ke6cvh@> wrote:
> >
> >
> > From: mike kendall <ke6cvh@>
> > Subject: [harris-radio] PRC-150 manpack pinouts
> > To: harris-radio@yahoogroups.com
> > Date: Monday, January 30, 2012, 8:45 AM
> >
> >
> >
> > Ã□Â
> >
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> >
> > Hello,
> > Ã□Â
> > Ã□Â Can anyone provide me the pinouts with what is on each pin for the PRC-150 manpack?
> > Ã□Â
> > Best regards,
> > Mike Kendall
> > Ã□Â
> >
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1002. Backpack RF Communications RF-1400

Yahoo group: harris-radio
Date: 2012-02-02 19:43:20 UTC
From: LU3FS
Topic: 1002 Message: 1002

Hi.
I am new in the group.
I have been offered a backpack transceiver RF Communications model RF-1400 (8 channels, modes: CW, AM, USB, LSB). But without handset, whip antenna and batteries.
I wrote to Harris, and they answer me "do not support or have any tecnical information for this radio".
Where I can get the service manual and/or the circuits diagrams for the RF-1400 ?
Many thanks in advance.
Greetings.

Luis - LU3FS

1003. RE: [harris-radio] Backpack RF Communications RF-1400

Yahoo group: harris-radio
Date: 2012-02-02 20:19:45 UTC
From: Roger Waldmiller
Topic: 1002 Message: 1003

Hi Luis LU3FS

I am not sure if HARRIS Rf communications Div ever made a RF-1400
backpack transceiver other tan the PRC 5000P and RF-138 and now the PRC5800

There was another RF Communications CO that made 2 way radios.

Google searches NOTHING for an RF-1400.

Do you have any photos of the unit and name plate.???

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of LU3FS
Sent: Thursday, February 02, 2012 2:43 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Backpack RF Communications RF-1400

Hi.
I am new in the group.
I have been offered a backpack transceiver RF Communications model RF-1400
(8 channels, modes: CW, AM, USB, LSB). But without handset, whip antenna and
batteries.
I wrote to Harris, and they answer me "do not support or have any tecnical
information for this radio".
Where I can get the service manual and/or the circuits diagrams for the
RF-1400 ?
Many thanks in advance.
Greetings.

Luis - LU3FS

[Non-text portions of this message have been removed]

1004. Re: [harris-radio] Backpack RF Communications RF-1400

Yahoo group: harris-radio
Date: 2012-02-02 20:43:54 UTC
From: Alex J Rokowetz
Topic: 1002 Message: 1004

A pair sold on ebay recently...

http://www.ebay.com/itm/Military-Army-Harris-RF-1400-SSB-Radio-Transceiver-Ham-/290607264939

Alex
K2AJR

>_____
>From: Roger Waldmiller <waldrgr@rochester.rr.com>
>To: harris-radio@yahoogroups.com
>Sent: Thursday, February 2, 2012 3:19 PM
>Subject: RE: [harris-radio] Backpack RF Communications RF-1400
>
>
>
>Hi Luis LU3FS
>
>I am not sure if HARRIS Rf communications Div ever made a RF-1400
>backpack transceiver other tan the PRC 5000P and RF-138 and now the PRC5800
>
>There was another RF Communications CO that made 2 way radios.
>
>Google searches NOTHING for an RF-1400.
>
>Do you have any photos of the unit and name plate.???
>
>Regards
>
>Roger w
>
>waldrgr@...
>
>k4alphapapa
>
>3200 ,2000,3230,
>
>5000, 138, 3201
>
>Rochester NY USA
>
>From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
>Behalf Of LU3FS
>Sent: Thursday, February 02, 2012 2:43 PM
>To: harris-radio@yahoogroups.com
>Subject: [harris-radio] Backpack RF Communications RF-1400

>
>Hi.
>I am new in the group.
>I have been offered a backpack transceiver RF Communications model RF-1400
>(8 channels, modes: CW, AM, USB, LSB). But without handset, whip antenna and
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>I wrote to Harris, and they answer me "do not support or have any tecnical
>information for this radio".
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>Greetings.
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>Luis - LU3FS
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[Non-text portions of this message have been removed]

1005. Re: [harris-radio] Backpack RF Communications RF-1400

Yahoo group: harris-radio
Date: 2012-02-02 22:25:11 UTC
From: Joe Munson
Topic: 1002 Message: 1005

HI Luis,

I have a couple of those sets NOS somewhere around here, in the mess. They are crystal contnrolled and you have to have a channel element for each crystal. The srpead on the elements is nut much if I remember right. I have not seen these sets for probabbly 20 or so years. I have no interest in them, for sure not enough to go looking for them.. They may have been made by Harris RF Communications, or RF Communications. Again, at one time had all the accessories, and a manual. I think the accessories and manual are long gone to a fellow who was wanting to put one on the air.

Joe Munson
WA4VAG

[Non-text portions of this message have been removed]

1006. RE: [harris-radio] Backpack RF Communications RF-1400

Yahoo group: harris-radio
Date: 2012-02-03 01:14:02 UTC
From: Roger Waldmiller
Topic: 1002 Message: 1006

I started to work at RF Comm in '77 and thru all the years never came across this unit …..INTERESTING.

Roger w

waldrgr@rochester.rr.com

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
Sent: Thursday, February 02, 2012 3:44 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Backpack RF Communications RF-1400

A pair sold on ebay recently...

http://www.ebay.com/itm/Military-Army-Harris-RF-1400-SSB-Radio-Transceiver-Ham-/290607264939

Alex
K2AJR

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>From: Roger Waldmiller <waldrgr@... <mailto:waldrgr%40rochester.rr.com> >
>To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
>Sent: Thursday, February 2, 2012 3:19 PM
>Subject: RE: [harris-radio] Backpack RF Communications RF-1400
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>There was another RF Communications CO that made 2 way radios.
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>Google searches NOTHING for an RF-1400.
>
>Do you have any photos of the unit and name plate.???
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[mailto:harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>] On
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>To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
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[Non-text portions of this message have been removed]

1007. RE: [harris-radio] Backpack RF Communications RF-1400

Yahoo group: harris-radio
Date: 2012-02-03 01:16:11 UTC
From: Roger Waldmiller
Topic: 1002 Message: 1007

The label definitely is the original R.F. Communications before it was bought by Harris Corp.

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
Sent: Thursday, February 02, 2012 3:44 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Backpack RF Communications RF-1400

A pair sold on ebay recently...

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>From: Roger Waldmiller <waldrgr@rochester.rr.com <mailto:waldrgr%40rochester.rr.com> >
>To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
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>Sent: Thursday, February 02, 2012 2:43 PM
>To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
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[Non-text portions of this message have been removed]

1008. Re: [harris-radio] Backpack RF Communications RF-1400

Yahoo group: harris-radio
Date: 2012-02-03 15:35:41 UTC
From: pzkfw4usa@aol.com
Topic: 1002 Message: 1008

Hi, Don Davis here. I had several RF-1400 radios a long time ago. The mechanical design was bad.
The front panel was held to the case by four long bolts which were only at each corner and were almost
impossible to get back into the case once removed. I remember the plug in l.o. and r.f. cards. I sold
them at the dayton hamvention. Don Davis wb3axq.

-----Original Message-----
From: Roger Waldmiller <waldrgr@...>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Thu, Feb 2, 2012 8:14 pm
Subject: RE: [harris-radio] Backpack RF Communications RF-1400

I started to work at RF Comm in ’77 and thru all the years never came across this unit …..INTERESTING.

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

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Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Alex J Rokowetz
Sent: Thursday, February 02, 2012 3:44 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Backpack RF Communications RF-1400

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Alex
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>To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>;
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>Subject: RE: [harris-radio] Backpack RF Communications RF-1400

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>Hi Luis LU3FS
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>I am not sure if HARRIS Rf communications Div ever made a RF-1400
>backpack transceiver other tan the PRC 5000P and RF-138 and now the PRC5800
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>There was another RF Communications CO that made 2 way radios.
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>Google searches NOTHING for an RF-1400.
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>Do you have any photos of the unit and name plate.???
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>From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>;
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>Sent: Thursday, February 02, 2012 2:43 PM
>To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>;
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1009. Re: Backpack RF Communications RF-1400

Yahoo group: harris-radio
Date: 2012-02-03 16:12:53 UTC
From: Spike
Topic: 1002 Message: 1009

The RF-1400 was a very short lived & failed attempt to produce a cheap backpack radio to compete with similar radios then on the market(mid-late 1970's). Specifically Sunair, Southcom & Stoner(pre-SGC) which included such radios as the PRC-20, SC-120, PMC-12, & others. In fact, it is known that RF Engineering purchased quantities of the competition's examples to aid in the design of their new product.

Evidence of the above is provided by Joe WA4VAG who piped in earlier. Those units he has came from Harris surplus. This lot included examples of those competing radio models that had been purchased for their research.

Stoner influence is very apparent in the design of the 1400 to the point that the xtal/channel cards look identical if not inspected side-by-side. The external coil loaded multi band/switched antenna too shows a very strong Stoner influence & is nearly identical to those they used.

These radios have no practical value at all, & no historic significance that I'm aware of. While xtal control itself does not limit their use that much, the required channel cards do. Most do not have these cards & if they do, seldom will they cover a desirable frequency range. Even when new, only the channel cards required by the user were installed. I/E even if the radio was capable of multiple channels it is common to only have one installed.

The radios themselves are not that rare however accessories items are. I've only ever seen a couple battery boxes, & only one antenna has ever surfaced(I have dibs on it).

To conclude, if someone is offering to give you these radios, by all means grab them. If they are being offered for sale, consider the above when haggling over price.

KB0SFP

1010. RF-127

Yahoo group: harris-radio
Date: 2012-02-03 19:55:21 UTC
From: Dave
Topic: 563 Message: 1010

I just stumbled on this group so bare with me if I ask dumb questions.

I recently aquired an RF-127 tuner and am looking for info.

Thanks in advance

Dave

1011. RE: [harris-radio] RF-127

Yahoo group: harris-radio
Date: 2012-02-03 20:00:01 UTC
From: W2HX
Topic: 563 Message: 1011

I have one and use it. What do you need to know? Do you plan to use it with the RF-110A? I had to make some modifications to my 110A to bring out the band BCD lines to the ant coupler connection which (on mine) was intended to be used with the RF-601A coupler

---

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Dave
Sent: Friday, February 03, 2012 2:55 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-127

I just stumbled on this group so bare with me if I ask dumb questions.

I recently aquired an RF-127 tuner and am looking for info.

Thanks in advance

Dave

[Non-text portions of this message have been removed]

1012. Re: RF-127

Yahoo group: harris-radio
Date: 2012-02-04 01:27:52 UTC
From: Dave
Topic: 563 Message: 1012

Hi Eugene,
No I'm not going with the RF-110a But I may try to hook up an RF-1110A. For now I was hoping to find some documentation that would let me understand and develop/simulate the Harris interface so I can use it as a Heavy duty GP tuner.

Dave/WB4HYP

--- In harris-radio@yahoogroups.com, "W2HX" <w2hx@...> wrote:
>
> I have one and use it. What do you need to know? Do you plan to use it with
> the RF-110A? I had to make some modifications to my 110A to bring out the
> band BCD lines to the ant coupler connection which (on mine) was intended to
> be used with the RF-601A coupler
>
>
>
> ---
>
> 73 Eugene W2HX
>
>
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Dave
> Sent: Friday, February 03, 2012 2:55 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] RF-127
>
>
>
>
>
> I just stumbled on this group so bare with me if I ask dumb questions.
>
> I recently aquired an RF-127 tuner and am looking for info.
>
> Thanks in advance
>
> Dave
>
>
>
>
>
> [Non-text portions of this message have been removed]

>

1013. Harris RF-103 servo board

Yahoo group: harris-radio
Date: 2012-02-04 17:36:12 UTC
From: wa5dtw
Topic: 1013 Message: 1013

I need a servo board from a Harris RF-103 amp, actually I need one for the RF-1205 tuner but they are the same.
Thanks
Craig

1014. Re: [harris-radio] Re: RF-127

Yahoo group: harris-radio
Date: 2012-02-04 19:17:02 UTC
From: W2HX
Topic: 563 Message: 1014

I don't have much documentation, but I will try to send you the basics of making it work. Its quite simple, basically you give it the band info on 5 lines, it pretunes based on the band. Then it uses a swr/phase disciminator to fine tune
the rest. I have often thought of a microcontroller project that will sense the rf frquency and then encode into the 5 band signals.

On Fri, 3 Feb 2012 20:27:52 -0500, harris-radio@yahoogroups.com wrote:
>
>
> Hi Eugene,
> No I'm not going with the RF-110a But I may try to hook up an RF-1110A. For now I was hoping to find some documentation that would let me understand and develop/simulate the Harris interface so I can use it as a Heavy duty GP tuner.
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> Dave/WB4HYP
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> --- In harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>, "W2HX" <w2hx@...> wrote:
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> > I have one and use it. What do you need to know? Do you plan to use it with
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> >
> > From: harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com> [mailto:harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>] On
> > Behalf Of Dave
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> > To: harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>
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> > Dave
> >
> >
> >
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> >
> > [Non-text portions of this message have been removed]
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>

1015. Re: RF-127

Yahoo group: harris-radio
Date: 2012-02-05 06:14:19 UTC
From: Dave
Topic: 563 Message: 1015

Sounds like good start, Yep, I am thinking along the same lines...

tnx

Dave

--- In harris-radio@yahoogroups.com, "W2HX" <w2hx@...> wrote:
>
> I don't have much documentation, but I will try to send you the basics of making it work. Its quite simple, basically you give it the band info on 5 lines, it pretunes based on the band. Then it uses a swr/phase disciminator to fine tune
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> On Fri, 3 Feb 2012 20:27:52 -0500, harris-radio@yahoogroups.com wrote:
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> > >
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>

1016. Re: Backpack RF Communications RF-1400

Yahoo group: harris-radio
Date: 2012-02-05 16:26:45 UTC
From: LU3FS
Topic: 1002 Message: 1016

Thank to all who answer to my question.
I keep my money for buy something better.
Greetings and many thanks.

Luis - LU3FS

--- In harris-radio@yahoogroups.com, "LU3FS" <lu3fs@...> wrote:
>
> Hi.
> I am new in the group.
> I have been offered a backpack transceiver RF Communications model RF-1400 (8 channels, modes: CW, AM, USB, LSB). But without handset, whip antenna and batteries.
> I wrote to Harris, and they answer me "do not support or have any tecnical information for this radio".
> Where I can get the service manual and/or the circuits diagrams for the RF-1400 ?
> Many thanks in advance.
> Greetings.
>
> Luis - LU3FS
>

1017. Harris RF-590 HRRCP + pc-ale

Yahoo group: harris-radio
Date: 2012-02-07 06:03:30 UTC
From: irontulip66
Topic: 1017 Message: 1017

Posted in hflink, figured i'd ask here too.

I'm trying to control a RF-590 with PC-ale. I have
set up the program to communicate at the recommended
19200-8O2, addr 1, 3-wire rs-232, and get both interrupt 5.5 to
and data from the rcvr USART. Rcvr is set to 232 19200 addr 1,
and passes BITE, reads out setup parameters when in remote operation
when enter key pressed and held. Anything I am missing?

Jim MC

1018. Decoding LPC10-52E w/ Third Party Software

Yahoo group: harris-radio
Date: 2012-02-26 13:30:08 UTC
From: djinni442
Topic: 1018 Message: 1018

Hello All,

I'm wondering if anyone has any success with using 3rd party software to decode the DV mode used by Harris radios (PRC-138, 5022 etc)

My understanding is these radios use LPC10 which is a known algorithm. I've tried a copy of WinDRM, but had no success.

Thanks!

1019. Antique Wireless Association

Yahoo group: harris-radio
Date: 2012-02-27 01:56:57 UTC
From: Leon S. Ciereszko III
Topic: 1019 Message: 1019

I am trying to get in touch with someone I was corresponding with at AWA about my PRC-138 but I can't seem to find the emails. Please contact me off list.

Lee N4TCW

Where's Lee?
http://map.findu.com/n4tcw

1020. Radio Items For Sale

Yahoo group: harris-radio
Date: 2012-03-06 16:28:42 UTC
From: Leon S. Ciereszko III
Topic: 1020 Message: 1020

http://www.ebay.com/sch/n4tcw/m.html

Including a mint AS-2259, leg key, and power meter.

Lee N4TCW

Where's Lee?
http://map.findu.com/n4tcw

1021. FS:Military Radio Items

Yahoo group: harris-radio
Date: 2012-03-09 19:27:49 UTC
From: Lee Ciereszko
Topic: 1021 Message: 1021

Some were not amused that I put items on eBay before offering them to the group. I am in the middle of moving (wife kind of kicking me out) so I was a little rushed. I will now offer these items to the group and will pull them off eBay if spoken for in time.

AS-2259 NVIS Antenna- Appears to Be New, Never Used with 2 Radio Adapters
$300.00 plus USPS shipping(your flavor) CONUS (~20# packed) from 20003

http://www.ebay.com/itm/270928325413?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649#ht_500wt_922

RF Power Meter / Load Military AN/PRM-33 150W 20-400 MHZ with Case
$100.00 plus USPS shipping(your flavor) CONUS (~19# packed) from 20003

http://www.ebay.com/itm/270928326650?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649#ht_500wt_922

Military Leg Morse Key ?PRC-319?
$50.00 plus USPS shipping(your flavor) CONUS (~19# packed) from 20003

http://www.ebay.com/itm/270928295099?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649#ht_500wt_922

Lee. N4TCW

[Non-text portions of this message have been removed]

1022. Re: [harris-radio] FS:Military Radio Items

Yahoo group: harris-radio
Date: 2012-03-09 19:30:31 UTC
From: Lee Ciereszko
Topic: 1021 Message: 1022

Bad cut and paste. Key is $5.20 flat rate CONUS

Lee. N4TCW
Sent from my iPad

On Mar 9, 2012, at 2:27 PM, Lee Ciereszko <n4tcw@...> wrote:

> Some were not amused that I put items on eBay before offering them to the group. I am in the middle of moving (wife kind of kicking me out) so I was a little rushed. I will now offer these items to the group and will pull them off eBay if spoken for in time.
>
> AS-2259 NVIS Antenna- Appears to Be New, Never Used with 2 Radio Adapters
> $300.00 plus USPS shipping(your flavor) CONUS (~20# packed) from 20003
>
> http://www.ebay.com/itm/270928325413?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649#ht_500wt_922
>
> RF Power Meter / Load Military AN/PRM-33 150W 20-400 MHZ with Case
> $100.00 plus USPS shipping(your flavor) CONUS (~19# packed) from 20003
>
> http://www.ebay.com/itm/270928326650?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649#ht_500wt_922
>
> Military Leg Morse Key ?PRC-319?
> $50.00 plus USPS shipping(your flavor) CONUS (~19# packed) from 20003
>
> http://www.ebay.com/itm/270928295099?ssPageName=STRK:MESELX:IT&_trksid=p3984.m1555.l2649#ht_500wt_922
>
> Lee. N4TCW
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

1023. Re: Need cabling info for Falcon II amplified speaker

Yahoo group: harris-radio
Date: 2012-03-11 20:22:24 UTC
From: kc5ijd@bellsouth.net
Topic: 527 Message: 1023

Tom,

Did you ever locate the pinouts for the speaker?

I am looking for them as well.

Joseph Pinner

--- In harris-radio@yahoogroups.com, "r390b" <nu4g.radio@...> wrote:
>
> Need cable pinouts to get a Harris 10181-5180-01 amplified speaker operational -- or at least see if it works. A schematic would be great as well.
>
> Can anyone help?
>
> Thanks much!
>
>
> Tom NU4G
>

1024. RF-353 1 KW amplifier. RF-7405

Yahoo group: harris-radio
Date: 2012-03-17 19:34:49 UTC
From: Steve
Topic: 1024 Message: 1024

Does anyone have a top cover for an RF-353 1KW amplifier they would part with? Mine is missing.

I am also looking for an RF-7405 remote control. I would like to control my RF-590A/RF-1310A as a transceiver.

I have an RF-7210 ALE controller that is excess to my needs, I would consider trading the RF-7405 for it.

73 and Thanks for looking.

Steve KD2OM

1025. Prc-138 internal battery charger

Yahoo group: harris-radio
Date: 2012-03-18 00:41:43 UTC
From: fashen
Topic: 1025 Message: 1025

Does anyone have any technical details pertaining to the subject, ie charge rate, how / if it senses if the battery reached full charge, etc.

Thanks in advance,

Fox

[Non-text portions of this message have been removed]

1026. [harris-radio] Prc-138 internal battery charger

Yahoo group: harris-radio
Date: 2012-03-18 02:28:45 UTC
From: D. Emer
Topic: 1025 Message: 1026

Fox, see if this helps
Dud
KK7IF

[Non-text portions of this message have been removed]

1027. RE: [harris-radio] Prc-138 internal battery charger

Yahoo group: harris-radio
Date: 2012-03-18 02:41:40 UTC
From: D. Emer
Topic: 1025 Message: 1027

Fox,
Well that seemed to have been rejected outright- contact me direct and I'll send you the service manual section on the charger and specs.
Dud
KK7IF
dfemer @...

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of D. Emer
Sent: Saturday, March 17, 2012 7:29 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Prc-138 internal battery charger

Fox, see if this helps
Dud
KK7IF

[Non-text portions of this message have been removed]

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

1028. Re: [harris-radio] Prc-138 internal battery charger

Yahoo group: harris-radio
Date: 2012-03-18 13:10:19 UTC
From: Rick Szajkowski
Topic: 1025 Message: 1028

you could allways upload it to the files section

Rick

On 17 March 2012 22:41, D. Emer <dfemer@...> wrote:

> **
>
>
> Fox,
> Well that seemed to have been rejected outright- contact me direct and I'll
> send you the service manual section on the charger and specs.
> Dud
> KK7IF
> dfemer @cox.net
>
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> On
> Behalf Of D. Emer
> Sent: Saturday, March 17, 2012 7:29 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] Prc-138 internal battery charger
>
> Fox, see if this helps
> Dud
> KK7IF
>
> [Non-text portions of this message have been removed]
>
> ------------------------------------
>
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get
> to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

1029. RE: [harris-radio] RF-353 1 KW amplifier. RF-7405

Yahoo group: harris-radio
Date: 2012-03-18 14:57:57 UTC
From: Mark
Topic: 1024 Message: 1029

Steve,

You do know there is a software version of the 7405, don't you? RF-7405W (I think)

Gives you all the control of the radios from your PC . not as hands-on as the hardware version, but functional.

No idea where I turned it up, but you're welcome to a copy if you want to try that route.

Let me know

- Mark -

From: Steve [mailto:steve@...]
Sent: Saturday, March 17, 2012 3:35 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-353 1 KW amplifier. RF-7405

Does anyone have a top cover for an RF-353 1KW amplifier they would part with? Mine is missing.

I am also looking for an RF-7405 remote control. I would like to control my RF-590A/RF-1310A as a transceiver.

I have an RF-7210 ALE controller that is excess to my needs, I would consider trading the RF-7405 for it.

73 and Thanks for looking.

Steve KD2OM

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2114/4876 - Release Date: 03/17/12

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2114/4876 - Release Date: 03/17/12

[Non-text portions of this message have been removed]

1030. Re: [harris-radio] RF-353 1 KW amplifier. RF-7405

Yahoo group: harris-radio
Date: 2012-03-18 15:01:35 UTC
From: Terry Hines
Topic: 1024 Message: 1030

I would like a copy if you have as well.

Terry

Sent from my iPad

On Mar 18, 2012, at 10:57 AM, "Mark" <seastar@...> wrote:

> Steve,
>
> You do know there is a software version of the 7405, don't you? RF-7405W (I
> think)
>
> Gives you all the control of the radios from your PC . not as hands-on as
> the hardware version, but functional.
>
> No idea where I turned it up, but you're welcome to a copy if you want to
> try that route.
>
> Let me know
>
> - Mark -
>
> From: Steve [mailto:steve@ecsykes.com]
> Sent: Saturday, March 17, 2012 3:35 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] RF-353 1 KW amplifier. RF-7405
>
> Does anyone have a top cover for an RF-353 1KW amplifier they would part
> with? Mine is missing.
>
> I am also looking for an RF-7405 remote control. I would like to control my
> RF-590A/RF-1310A as a transceiver.
>
> I have an RF-7210 ALE controller that is excess to my needs, I would
> consider trading the RF-7405 for it.
>
> 73 and Thanks for looking.
>
> Steve KD2OM
>
> -----
>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2012.0.1913 / Virus Database: 2114/4876 - Release Date: 03/17/12

>
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2012.0.1913 / Virus Database: 2114/4876 - Release Date: 03/17/12
>
> [Non-text portions of this message have been removed]
>
>
>
>
> TODAY(Beta) • Powered by Yahoo!
> Afghan massacre suspect plagued by woes
> A deeper picture emerges of the Army sergeant's financial troubles and career disappointment.
> Privacy Policy

[Non-text portions of this message have been removed]

1031. RE: [harris-radio] RF-353 1 KW amplifier. RF-7405

Yahoo group: harris-radio
Date: 2012-03-18 15:08:32 UTC
From: Mark
Topic: 1024 Message: 1031

I don’t know what its ITAR rating is so I can’t just post it up or give it out.

I’ll check on it and if it’s cleared, I’ll put it up in the files section

- Mark -

From: Terry Hines [mailto:ab8al@...]
Sent: Sunday, March 18, 2012 11:02 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF-353 1 KW amplifier. RF-7405

I would like a copy if you have as well.

Terry

Sent from my iPad

On Mar 18, 2012, at 10:57 AM, "Mark" <seastar@fujiyachts.net
<mailto:seastar%40fujiyachts.net> > wrote:

> Steve,
>
> You do know there is a software version of the 7405, don't you? RF-7405W (I
> think)
>
> Gives you all the control of the radios from your PC . not as hands-on as
> the hardware version, but functional.
>
> No idea where I turned it up, but you're welcome to a copy if you want to
> try that route.
>
> Let me know
>
> - Mark -
>
> From: Steve [mailto:steve@... <mailto:steve%40ecsykes.com>]
> Sent: Saturday, March 17, 2012 3:35 PM
> To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> Subject: [harris-radio] RF-353 1 KW amplifier. RF-7405
>
> Does anyone have a top cover for an RF-353 1KW amplifier they would part
> with? Mine is missing.
>
> I am also looking for an RF-7405 remote control. I would like to control my
> RF-590A/RF-1310A as a transceiver.
>
> I have an RF-7210 ALE controller that is excess to my needs, I would

> consider trading the RF-7405 for it.
>
> 73 and Thanks for looking.
>
> Steve KD2OM
>
> -----
>
> No virus found in this message.
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> Version: 2012.0.1913 / Virus Database: 2114/4876 - Release Date: 03/17/12
>
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> Version: 2012.0.1913 / Virus Database: 2114/4876 - Release Date: 03/17/12
>
> [Non-text portions of this message have been removed]
>
>
>
>
> TODAY(Beta) • Powered by Yahoo!
> Afghan massacre suspect plagued by woes
> A deeper picture emerges of the Army sergeant's financial troubles and career
disappointment.
> Privacy Policy

[Non-text portions of this message have been removed]

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2114/4878 - Release Date: 03/18/12

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2114/4878 - Release Date: 03/18/12

[Non-text portions of this message have been removed]

1032. RF-530A receiver for sale

Yahoo group: harris-radio
Date: 2012-03-20 05:07:34 UTC
From: mmaghakian
Topic: 1032 Message: 1032

Hi,

I have a RF-530A receiver for sale. please contact me directly if you are interested and want more details.

thanks
Mike

1034. RF-301P

Yahoo group: harris-radio
Date: 2012-03-25 23:29:43 UTC
From: Al
Topic: 1034 Message: 1034

Gang,

I'm working my way through a recently acquired RF-301P. This is the backpack version of the RF-301, and much of the circuitry appears identical.

I am investigating low signals through the "translator" PCB. Signal loss through FL-1, the 17.748 MHz crystal filter, is about 20 dB as measured with a FET probe into an HP-8590A spectrum analyzer. Is this loss unusually high?

Does anyone have a spare filter or complete PCB from a 301 for sale?

Regards,
Al

1037. R-2368 encoder

Yahoo group: harris-radio
Date: 2012-04-01 04:57:33 UTC
From: vk5abc
Topic: 1037 Message: 1037

Hello Everyone

It seems I ask all the difficult questions, here's a doozy. Can the shaft encoder in the R-2368 be repaired, if not is there a replacement.

Has anyone replaced one, what did you do?

73's Lee

1038. Re: [harris-radio] R-2368 encoder

Yahoo group: harris-radio
Date: 2012-04-01 18:46:59 UTC
From: Brooke Clarke
Topic: 1037 Message: 1038

Hi Lee:

I have no specific info the this encoder. HP test equipment uses a rotary encoder and the common failure mode is a
burned out lamp. It can be replaced with an LED.
Maybe that would work for your encoder?

Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/Brooke4Congress.html

vk5abc wrote:
> Hello Everyone
>
> It seems I ask all the difficult questions, here's a doozy. Can the shaft encoder in the R-2368 be repaired, if not is there a replacement.
>
> Has anyone replaced one, what did you do?
>
> 73's Lee
>
>
>
> ----------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
>
>

1039. Stuff F.S. at Dayton

Yahoo group: harris-radio
Date: 2012-04-01 20:29:46 UTC
From: GARY BONEBRAKE
Topic: 1039 Message: 1039

Dear Harris enthusiasts - I will have the following treasures for sale at Dayton this year:

1. RF-350 Transceiver (qty 1)
2. RF-352 Remote Control (qty 2)
3. MK-0009 Microphone (qty 5)
4. 488T Microphone (qty 1)
5. NB6GC/KO6NO Remote Adapter (qty 1 NIB)

Visit me at fleamarket spot 1904 on Friday & Saturday.

Gary W5BI

[Non-text portions of this message have been removed]

1040. RF-350 and other treasures F.S. at Dayton

Yahoo group: harris-radio
Date: 2012-04-01 20:32:22 UTC
From: Gary
Topic: 1040 Message: 1040

Dear Harris enthusiasts - I will have the following treasures for sale at Dayton this year:

1. RF-350 Transceiver (qty 1)
2. RF-352 Remote Control (qty 2)
3. MK-0009 Microphone (qty 5)
4. 488T Microphone (qty 1)
5. NB6GC/KO6NO Remote Adapter (qty 1 NIB)

Visit me at fleamarket spot 1904 on Friday & Saturday.

Gary W5BI

1041. RF-5022 boards

Yahoo group: harris-radio
Date: 2012-04-11 20:57:47 UTC
From: djinni442
Topic: 1041 Message: 1041

Hey All,

I've been playing with a RF-5022 which I recently got working. It doesn't have the DV or Hopping boards installed, so I am curious:

Does anyone know if RF-5020's 5022's and PRC-138s are cross compatible across DV and Hop modes?

If so, was wondering if these boards ever be found anywhere.

Thanks!

1042. RE: [harris-radio] RF-5022 boards

Yahoo group: harris-radio
Date: 2012-04-12 13:25:15 UTC
From: Roger Waldmiller
Topic: 1041 Message: 1042

Hi

Yes the DV and HOP are compatible between 5020,5022 and 138.

Board exchange between the 5020 and 5022 are not, as is the firmware.

If you need a bd listing , I can help.

Finding bds and proper f/w will be the biggest problem.

K4alphapapa

waldrgr@...

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of djinni442
Sent: Wednesday, April 11, 2012 4:58 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5022 boards

Hey All,

I've been playing with a RF-5022 which I recently got working. It doesn't have the DV or Hopping boards installed, so I am curious:

Does anyone know if RF-5020's 5022's and PRC-138s are cross compatible across DV and Hop modes?

If so, was wondering if these boards ever be found anywhere.

Thanks!

[Non-text portions of this message have been removed]

1043. Tackling the VHF High band Alpha 2000

Yahoo group: harris-radio
Date: 2012-04-12 19:58:54 UTC
From: ve7ltd
Topic: 1043 Message: 1043

Hello to the group,

First I would like to thank all of you who have blazed the trails already for me in figuring out all the modifications required to turn a high split VHF Harris into a 144/148Mhz ham band repeater. I have all the docs and schematics for the mods. Turns out a lot of my Canadian ham friends in Ontario have had these running as ham repeaters for 20-30 years.

I have also found some sub pF axial capacitors required for the exciter mods. Can't say that was easy.

I know I am 20 years behind, but I am tired of trying to source crystals for my beloved MASTR-II equipment.

I received my first A2000 UHF as a modified Radio-telephone, and quickly turned that into a UHF repeater. I had problems with the divide by 13 chip and had to replace that unit with a MASTR-II.

I now have a couple of VHF A2000B units, and am going to try to tackle the mods to get it into the Ham Band. Wish me luck!

Dave Cameron - VE7LTD
IRLP System Designer

1044. Re: [harris-radio] Tackling the VHF High band Alpha 2000

Yahoo group: harris-radio
Date: 2012-04-12 21:49:23 UTC
From: VA3RZS2
Topic: 1043 Message: 1044

Hi Dave and welcome to our group

The person you will get the most help from is Roger
He helped me get my Alpha on line (even program a couple of chips for me)

Richard Szajkowski
CMRK.NETworks
(705)536-0769

On 2012-04-12, at 3:58 PM, "ve7ltd" <dcameron@...> wrote:

> Hello to the group,
>
> First I would like to thank all of you who have blazed the trails already for me in figuring out all the modifications required to turn a high split VHF Harris into a 144/148Mhz ham band repeater. I have all the docs and schematics for the mods. Turns out a lot of my Canadian ham friends in Ontario have had these running as ham repeaters for 20-30 years.
>
> I have also found some sub pF axial capacitors required for the exciter mods. Can't say that was easy.
>
> I know I am 20 years behind, but I am tired of trying to source crystals for my beloved MASTR-II equipment.
>
> I received my first A2000 UHF as a modified Radio-telephone, and quickly turned that into a UHF repeater. I had problems with the divide by 13 chip and had to replace that unit with a MASTR-II.
>
> I now have a couple of VHF A2000B units, and am going to try to tackle the mods to get it into the Ham Band. Wish me luck!
>
> Dave Cameron - VE7LTD
> IRLP System Designer
>
>

[Non-text portions of this message have been removed]

1045. Re: [harris-radio] Tackling the VHF High band Alpha 2000

Yahoo group: harris-radio
Date: 2012-04-12 21:52:25 UTC
From: VA3RZS2
Topic: 1043 Message: 1045

Ops

I run a alpha and I am very happy with it

60 watts cont duty is great I have a spare for our repeater it gather dust right now

If I can help feel free to ask

Roger is the man to talk to

Richard Szajkowski
CMRK.NETworks
(705)536-0769

On 2012-04-12, at 3:58 PM, "ve7ltd" <dcameron@...> wrote:

> Hello to the group,
>
> First I would like to thank all of you who have blazed the trails already for me in figuring out all the modifications required to turn a high split VHF Harris into a 144/148Mhz ham band repeater. I have all the docs and schematics for the mods. Turns out a lot of my Canadian ham friends in Ontario have had these running as ham repeaters for 20-30 years.
>
> I have also found some sub pF axial capacitors required for the exciter mods. Can't say that was easy.
>
> I know I am 20 years behind, but I am tired of trying to source crystals for my beloved MASTR-II equipment.
>
> I received my first A2000 UHF as a modified Radio-telephone, and quickly turned that into a UHF repeater. I had problems with the divide by 13 chip and had to replace that unit with a MASTR-II.
>
> I now have a couple of VHF A2000B units, and am going to try to tackle the mods to get it into the Ham Band. Wish me luck!
>
> Dave Cameron - VE7LTD
> IRLP System Designer
>
>

[Non-text portions of this message have been removed]

1046. RF1310A manual wanted

Yahoo group: harris-radio
Date: 2012-04-15 07:49:21 UTC
From: Konstantinos
Topic: 1046 Message: 1046

Hi all, I'm newbie to this group and I'm trying to repair a 1310A. Issue is fault 4 on assy 14 (processor board). Anyone has a service manual or schematics to share/sell?

Thanks,
Konstantinos SV1GSI

1047. Re: RF1310A manual wanted

Yahoo group: harris-radio
Date: 2012-04-16 13:05:14 UTC
From: Mark
Topic: 1046 Message: 1047

RF-1310A A14 Fault 04 is "Serial Data input failure. Faulty serial input is detected. Check U12, U13, and U17"

U12 is 74HC00 Quad NAND gate on serial output of U17
U13 is 8255A Programmable Peripheral Interface
U17 is 74HC165 8-bit parallel-in/serial-out shift register

- Mark -

--- In harris-radio@yahoogroups.com, "Konstantinos" <sv1aku@...> wrote:
>
> Hi all, I'm newbie to this group and I'm trying to repair a 1310A. Issue is fault 4 on assy 14 (processor board). Anyone has a service manual or schematics to share/sell?
>
> Thanks,
> Konstantinos SV1GSI
>

1048. Re: RF1310A manual wanted

Yahoo group: harris-radio
Date: 2012-04-16 13:53:54 UTC
From: Mark
Topic: 1046 Message: 1048

Unfortunately, US Government restrictions prevent me from providing you with a manual or schematics.

- Mark -

--- In harris-radio@yahoogroups.com, "Konstantinos" <sv1aku@...> wrote:
>
> Hi all, I'm newbie to this group and I'm trying to repair a 1310A. Issue is fault 4 on assy 14 (processor board). Anyone has a service manual or schematics to share/sell?
>
> Thanks,
> Konstantinos SV1GSI
>

1049. Re: [harris-radio] Re: RF1310A manual wanted

Yahoo group: harris-radio
Date: 2012-04-16 14:58:55 UTC
From: sv1aku@yahoo.gr
Topic: 1046 Message: 1049

Ok, I understand... any idea where the suspicious ic's are located on the A14 board? Thanks again for your help...

Konstantinos

Sent from my Nokia

On 16 Απρ 2012, at 4:53 μ.μ., "Mark" <seastar@fujiyachts.net> wrote:

> Unfortunately, US Government restrictions prevent me from providing you with a manual or schematics.
>
> - Mark -
>
> --- In harris-radio@yahoogroups.com, "Konstantinos" <sv1aku@...> wrote:
> >
> > Hi all, I'm newbie to this group and I'm trying to repair a 1310A. Issue is fault 4 on assy 14 (processor board). Anyone has a service manual or schematics to share/sell?
> >
> > Thanks,
> > Konstantinos SV1GSI
> >
>
>

[Non-text portions of this message have been removed]

1050. Re: RF1310A manual wanted

Yahoo group: harris-radio
Date: 2012-04-16 15:02:09 UTC
From: Mark
Topic: 1046 Message: 1050

```
U13 is the big one mounted vertically near the upper middle of the board

U17 is a small one also mounted vertically just to the right of U13

U12 is mounted horizontally at the top right of the board, just to the left of 2
electrolytic caps

Hope this helps you

- Mark -
```

--- In harris-radio@yahoogroups.com, sv1aku@... wrote:
>
> Ok, I understand... any idea where the suspicious ic's are located on the A14 board? Thanks again for your help...
>
> Konstantinos
>
> Sent from my Nokia
>
> On 16 Î`Ï□Ï□ 2012, at 4:53 Î¼.Î¼., "Mark" <seastar@...> wrote:
>
> > Unfortunately, US Government restrictions prevent me from providing you with a manual or schematics.
> >
> > - Mark -
> >
> > --- In harris-radio@yahoogroups.com, "Konstantinos" <sv1aku@> wrote:
> > >
> > > Hi all, I'm newbie to this group and I'm trying to repair a 1310A. Issue is fault 4 on assy 14 (processor board). Anyone has a service manual or schematics to share/sell?
> > >
> > > Thanks,
> > > Konstantinos SV1GSI
> > >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

1053. AM-7224/URC 1 KW Amplifier (RF-353) Top Cover

Yahoo group: harris-radio
Date: 2012-04-22 14:27:25 UTC
From: Steve
Topic: 1053 Message: 1053

I am looking for a top cover for an AM-7224 1 KW Amplifier (RF-353). Does anyone have one they will part with?
I will be loaning/donating the complete system to the AWA but need the top cover before I do.

73
Steve KD2OM/NNN0HSB

1054. Harris RF-110A

Yahoo group: harris-radio
Date: 2012-04-23 14:47:57 UTC
From: Dave
Topic: 1054 Message: 1054

I found a good condition RF-110A at an estate sale. It does not have a power supply so I was planning to build one. Now I really dont have the time to invest. I am thinking of putting the amp on eBay. Whats a good price and is anyone here interested? Anyone have a power supply?

Dave

1055. Re: Harris RF-110A

Yahoo group: harris-radio
Date: 2012-04-23 14:57:26 UTC
From: 4z4rb
Topic: 1054 Message: 1055

--- In harris-radio@yahoogroups.com, "Dave" <dogbertdc@...> wrote:
>
> I found a good condition RF-110A at an estate sale. It does not have a power supply so I was planning to build one. Now I really dont have the time to invest. I am thinking of putting the amp on eBay. Whats a good price and is anyone here interested? Anyone have a power supply?
>
> Dave
>
I have 2 NOS power supplies.
I am in Israel
that'
4z4rb
baruchs half the world away

1056. Re: [harris-radio] Harris RF-110A

Yahoo group: harris-radio
Date: 2012-04-23 15:02:28 UTC
From: Doug Smith
Topic: 1054 Message: 1056

Mike Murphy has some 1-KW class Harris power supplies but I don't know
if they can be made to work with the 110A or not.. Anyway, here's a link:

http://www.murphyjunk.bizland.com/id38.html

HARRIS PP-7913/URC

73,
-Doug, W7KF
http://www.w7kf.com

On 04/23/2012 08:47 AM, Dave wrote:
>
> I found a good condition RF-110A at an estate sale. It does not have a
> power supply so I was planning to build one. Now I really dont have
> the time to invest. I am thinking of putting the amp on eBay. Whats a
> good price and is anyone here interested? Anyone have a power supply?
>
> Dave
>
>

[Non-text portions of this message have been removed]

1057. Re: Harris RF-110A

Yahoo group: harris-radio
Date: 2012-04-23 18:00:05 UTC
From: bob35795
Topic: 1054 Message: 1057

--- In harris-radio@yahoogroups.com, "Dave" <dogbertdc@...> wrote:
>
> I found a good condition RF-110A at an estate sale. It does not have a power supply so I was planning to build one. Now I really dont have the time to invest. I am thinking of putting the amp on eBay. Whats a good price and is anyone here interested? Anyone have a power supply?
>
> Dave
>

I have several spare RF-124 230 volt single phase supplies, and I also know where new ones can be obtained. Contact me off list.
Bob KG4OJZ (ex K1SUI)

1058. RE: [harris-radio] Re: Harris RF-110A

Yahoo group: harris-radio
Date: 2012-04-23 18:12:18 UTC
From: W2HX
Topic: 1054 Message: 1058

And I have a rf-112 (3 phase supply) free if you come haul it (good in qrz) any museum ships in need of the PS?

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of bob35795
Sent: Monday, April 23, 2012 2:00 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Harris RF-110A

--- In harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>, "Dave" <dogbertdc@...> wrote:
>
> I found a good condition RF-110A at an estate sale. It does not have a power supply so I was planning to build one. Now I really dont have the time to invest. I am thinking of putting the amp on eBay. Whats a good price and is anyone here interested? Anyone have a power supply?
>
> Dave
>

I have several spare RF-124 230 volt single phase supplies, and I also know where new ones can be obtained. Contact me off list.
Bob KG4OJZ (ex K1SUI)

[Non-text portions of this message have been removed]

1059. Re: [harris-radio] Harris RF-110A

Yahoo group: harris-radio
Date: 2012-04-24 11:45:06 UTC
From: Terry
Topic: 1054 Message: 1059

I paid $1500 fro the complete unit with low hours. I might be interested if the price is right.

Terry

--- On Mon, 4/23/12, Dave <dogbertdc@...> wrote:

From: Dave <dogbertdc@...>
Subject: [harris-radio] Harris RF-110A
To: harris-radio@yahoogroups.com
Date: Monday, April 23, 2012, 6:47 PM

I found a good condition RF-110A at an estate sale. It does not have a power supply so I was planning to build one. Now I really dont have the time to invest. I am thinking of putting the amp on eBay. Whats a good price and is anyone here interested? Anyone have a power supply?

Dave

[Non-text portions of this message have been removed]

1061. Need settings for rf-1110h, 590a, 1310h so they can play together

Yahoo group: harris-radio
Date: 2012-04-25 14:58:38 UTC
From: Edward
Topic: 1061 Message: 1061

I have a 590a, a rf-1110h (prob a 1110a with software upgrade to h) and a 1310h (also probably an upgraded 1310a). I have all the manuals except for the "system" manual. The 1310 manual says to refer to the system manual for setting the switches to work with the 1110. Hoping to make them all work together as a transciever.. Could anyone help?

Also have a 7210(non-A) controller which it might need--but I don't have documentation for this unit either. Any help would be appreciated. Thanks ED KQ5F

1062. RE: [harris-radio] Need settings for rf-1110h, 590a, 1310h so they can play together

Yahoo group: harris-radio
Date: 2012-04-25 21:02:28 UTC
From: Mark
Topic: 1061 Message: 1062

On the A18 System Interface card of the 1310, there is a 4-bit dip switch accessible through a square hole cut in the cover (if you still have the cover)

The normal settings for this switch for System operation is Open-Open-Closed-Closed back to front

With the front-most bit Open, the 1310 is in Sig Gen mode and will go to Operate without the PA. In this mode, the PA will NOT start

The 7210 is the only way to operate this system from a single control point, and will require the A17 Remote assy in both the 1310 and the 590

- Mark -

From: Edward [mailto:slow.loris1@...]
Sent: Wednesday, April 25, 2012 10:59 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Need settings for rf-1110h, 590a, 1310h so they can play together

I have a 590a, a rf-1110h (prob a 1110a with software upgrade to h) and a 1310h (also probably an upgraded 1310a). I have all the manuals except for the "system" manual. The 1310 manual says to refer to the system manual for setting the switches to work with the 1110. Hoping to make them all work together as a transciever.. Could anyone help?

Also have a 7210(non-A) controller which it might need--but I don't have documentation for this unit either. Any help would be appreciated. Thanks ED KQ5F

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2411/4958 - Release Date: 04/25/12

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2012.0.1913 / Virus Database: 2411/4958 - Release Date: 04/25/12

[Non-text portions of this message have been removed]

1063. RE: [harris-radio] Need settings for rf-1110h, 590a, 1310h so they can play together

Yahoo group: harris-radio
Date: 2012-04-26 00:44:36 UTC
From: W2HX
Topic: 1061 Message: 1063

"The 7210 is the only way to operate this system from a single control point, and will require the A17 Remote assy in both the 1310 and the 590"

I think there is a RF-7405 remote control that will do it too. And there is PC control software that will do it too (PC-ALE)
http://www.torontosurplus.com/communications-equipment-military/harris-radio/harris-rf-7405-remote-control-terminal.html

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Mark
Sent: Wednesday, April 25, 2012 5:02 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Need settings for rf-1110h, 590a, 1310h so they can play together

On the A18 System Interface card of the 1310, there is a 4-bit dip switch accessible through a square hole cut in the cover (if you still have the cover)

The normal settings for this switch for System operation is Open-Open-Closed-Closed back to front

With the front-most bit Open, the 1310 is in Sig Gen mode and will go to Operate without the PA. In this mode, the PA will NOT start

The 7210 is the only way to operate this system from a single control point, and will require the A17 Remote assy in both the 1310 and the 590

- Mark -

From: Edward [mailto:slow.loris1@...<mailto:slow.loris1%40yahoo.com>]
Sent: Wednesday, April 25, 2012 10:59 AM
To: harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>
Subject: [harris-radio] Need settings for rf-1110h, 590a, 1310h so they can play together

I have a 590a, a rf-1110h (prob a 1110a with software upgrade to h) and a 1310h (also probably an upgraded 1310a). I have all the manuals except for the "system" manual. The 1310 manual says to refer to the system manual for setting the switches to work with the 1110. Hoping to make them all work together as a transciever.. Could anyone help?

Also have a 7210(non-A) controller which it might need--but I don't have documentation for this unit either. Any help would be appreciated. Thanks ED KQ5F

No virus found in this message.
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Version: 2012.0.1913 / Virus Database: 2411/4958 - Release Date: 04/25/12

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1064. Diagram for Power Distribution panel

Yahoo group: harris-radio
Date: 2012-04-28 01:57:18 UTC
From: ian brown
Topic: 1064 Message: 1064

Hello to all in the group. I recently purchased a Harris 3230 amp with matching power supply. I did not get a complete power distribution assembly unit and was wondering if someone my have a circuit diagram of this unit or could provide detailed photos.
A5 Power Distribution Panel
A5A1 Power Distribution Panel PWB

A5A2 Fan Regulator PWB

73's

Ian
wo2z

[Non-text portions of this message have been removed]

1065. Changing fuses in RF 110A

Yahoo group: harris-radio
Date: 2012-04-27 19:27:18 UTC
From: t
Topic: 1065 Message: 1065

Any one have the part number for the 25A 500V primary fuses? I am finally getting around to putting it on the air . It is currently wired for 208 3 phas and I want to change it to 230 1 phase. I have figured out the changes required for the xfmr but still need fuses also I have not figured out how to remove the fuses yet so that info would also be appreciated. I had hoped the light cap was a twist of but It doesn't seem to be and I am not wanting to use force until I am sure of what I am doing.

Also anyone have a start up process for the amp after it has been sitting for 15 years?

Terry
AB8AL

1066. Changing fuses in RF 110A

Yahoo group: harris-radio
Date: 2012-04-27 19:41:58 UTC
From: t
Topic: 1065 Message: 1066

Any one have the part number for the 25A 500V primary fuses? I am finally getting around to putting it on the air . It is currently wired for 208 3 phas and I want to change it to 230 1 phase. I have figured out the changes required for the xfmr but still need fuses also I have not figured out how to remove the fuses yet so that info would also be appreciated. I had hoped the light cap was a twist of but It doesn't seem to be and I am not wanting to use force until I am sure of what I am doing.

Also anyone have a start up process for the amp after it has been sitting for 15 years?

Terry
AB8AL

1067. Changing fuses in RF 110A

Yahoo group: harris-radio
Date: 2012-04-27 19:41:42 UTC
From: t
Topic: 1065 Message: 1067

Any one have the part number for the 25A 500V primary fuses? I am finally getting around to putting it on the air . It is currently wired for 208 3 phas and I want to change it to 230 1 phase. I have figured out the changes required for the xfmr but still need fuses also I have not figured out how to remove the fuses yet so that info would also be appreciated. I had hoped the light cap was a twist of but It doesn't seem to be and I am not wanting to use force until I am sure of what I am doing.

Also anyone have a start up process for the amp after it has been sitting for 15 years?

Terry
AB8AL

1068. RF-355 tube

Yahoo group: harris-radio
Date: 2012-04-28 07:01:21 UTC
From: vk5abc
Topic: 955 Message: 1068

Hello All

I need to change the tube, but I am not quit sure how, I have lossened the clamp but what's next?????. Bear in mind I have never removed this type of tube before. Everything I have tried did not work.

Lee.

1069. Re: [harris-radio] Changing fuses in RF 110A

Yahoo group: harris-radio
Date: 2012-04-28 14:02:56 UTC
From: Terry Hines
Topic: 1065 Message: 1069

I figured out the fuse deal. (eyesight was issue on removing, hate getting old).

Still looking for feedback on if any special power up methods need to be used based on it not being powered up in 15 years.

Terry
AB8AL

Sent from my iPad

On Apr 27, 2012, at 3:41 PM, "t" <ab8al@...> wrote:

> Any one have the part number for the 25A 500V primary fuses? I am finally getting around to putting it on the air . It is currently wired for 208 3 phas and I want to change it to 230 1 phase. I have figured out the changes required for the xfmr but still need fuses also I have not figured out how to remove the fuses yet so that info would also be appreciated. I had hoped the light cap was a twist of but It doesn't seem to be and I am not wanting to use force until I am sure of what I am doing.
>
> Also anyone have a start up process for the amp after it has been sitting for 15 years?
>
> Terry
> AB8AL
>
>
>
>
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> Prank brands man 'worst boyfriend ever'
> Privacy Policy
>
>

[Non-text portions of this message have been removed]

1070. RE: [harris-radio] Changing fuses in RF 110A

Yahoo group: harris-radio
Date: 2012-04-28 14:47:47 UTC
From: Robert Gunther
Topic: 1065 Message: 1070

Watch the fuse sockets, the plastic will break off when you try and twist them. I broke one fuse lighted fuse cap
and they are impossible to find. The holders are about 200 bucks if I remember right. I'd just plug it in and go
with it. Let it run for a day before applying RF. The only problems I had was with the time delay relay. Mine became
intermittent, and i ordered replacements from Nebraska surplus. Wear ear protection...lol, the fan noise will drive you nuts.
I have two of these, with two spare RF-124 supplies (220 v. single phase).

To: harris-radio@yahoogroups.com
From: ab8al@yahoo.com
Date: Sat, 28 Apr 2012 10:02:56 -0400
Subject: Re: [harris-radio] Changing fuses in RF 110A

I figured out the fuse deal. (eyesight was issue on removing, hate getting old).

Still looking for feedback on if any special power up methods need to be used based on it not being powered up in 15 years.

Terry
AB8AL

Sent from my iPad

On Apr 27, 2012, at 3:41 PM, "t" <ab8al@...> wrote:

> Any one have the part number for the 25A 500V primary fuses? I am finally getting around to putting it on the air . It is currently wired for 208 3 phas and I want to change it to 230 1 phase. I have figured out the changes required for the xfmr but still need fuses also I have not figured out how to remove the fuses yet so that info would also be appreciated. I had hoped the light cap was a twist of but It doesn't seem to be and I am not wanting to use force until I am sure of what I am doing.
>
> Also anyone have a start up process for the amp after it has been sitting for 15 years?
>
> Terry
> AB8AL
>
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> TODAY(Beta) ? Powered by Yahoo!
> Prank brands man 'worst boyfriend ever'
> Privacy Policy
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>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1071. Re: [harris-radio] Changing fuses in RF 110A

Yahoo group: harris-radio
Date: 2012-04-28 15:37:13 UTC
From: Terry Hines
Topic: 1065 Message: 1071

I have it in the utility room. Hope that will make it tolerable from the shack on the other side of
A wall.

Terry
AB8AL

Sent from my iPad

On Apr 28, 2012, at 10:47 AM, Robert Gunther <rjgunther@...> wrote:

>
> Watch the fuse sockets, the plastic will break off when you try and twist them. I broke one fuse lighted fuse cap
> and they are impossible to find. The holders are about 200 bucks if I remember right. I'd just plug it in and go
> with it. Let it run for a day before applying RF. The only problems I had was with the time delay relay. Mine became
> intermittent, and i ordered replacements from Nebraska surplus. Wear ear protection...lol, the fan noise will drive you nuts.
> I have two of these, with two spare RF-124 supplies (220 v. single phase).
>
>
>
> To: harris-radio@yahoogroups.com
> From: ab8al@...
> Date: Sat, 28 Apr 2012 10:02:56 -0400
> Subject: Re: [harris-radio] Changing fuses in RF 110A
>
>
>
>
>
> I figured out the fuse deal. (eyesight was issue on removing, hate getting old).
>
> Still looking for feedback on if any special power up methods need to be used based on it not being powered up in 15 years.
>
> Terry
> AB8AL
>
> Sent from my iPad
>
> On Apr 27, 2012, at 3:41 PM, "t" <ab8al@...> wrote:
>
>> Any one have the part number for the 25A 500V primary fuses? I am finally getting around

to putting it on the air . It is currently wired for 208 3 phas and I want to change it to 230 1 phase. I have figured out the changes required for the xfmr but still need fuses also I have not figured out how to remove the fuses yet so that info would also be appreciated. I had hoped the light cap was a twist of but It doesn't seem to be and I am not wanting to use force until I am sure of what I am doing.
>>
>> Also anyone have a start up process for the amp after it has been sitting for 15 years?
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>> Terry
>> AB8AL
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>> TODAY(Beta) ? Powered by Yahoo!
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> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>

1072. Re: [harris-radio] Changing fuses in RF 110A

Yahoo group: harris-radio
Date: 2012-04-28 15:49:03 UTC
From: Felipe Ceglia
Topic: 1065 Message: 1072

Hi Terry,

Did you make a remote panel for it?

Planning to do the same with mine, but I wish to make a remote meter panel,
as I like to keep an eye on it sometimes...

73,

Felipe Ceglia - PY1NB

PR1T team member /// Rio DX Group member /// Araucaria DX Group member
http://dxwatch.com /// http://reversebeacon.net /// http://riodxgroup.com

On Sat, Apr 28, 2012 at 12:37 PM, Terry Hines <ab8al@...> wrote:

> **
>
>
> I have it in the utility room. Hope that will make it tolerable from the
> shack on the other side of
> A wall.
>
> Terry
> AB8AL
>
> Sent from my iPad
>
> On Apr 28, 2012, at 10:47 AM, Robert Gunther <rjgunther@...>
> wrote:
>
> >
> > Watch the fuse sockets, the plastic will break off when you try and
> twist them. I broke one fuse lighted fuse cap
> > and they are impossible to find. The holders are about 200 bucks if I
> remember right. I'd just plug it in and go
> > with it. Let it run for a day before applying RF. The only problems I
> had was with the time delay relay. Mine became
> > intermittent, and i ordered replacements from Nebraska surplus. Wear ear
> protection...lol, the fan noise will drive you nuts.
> > I have two of these, with two spare RF-124 supplies (220 v. single
> phase).
> >
> >
> >
> > To: harris-radio@yahoogroups.com

> > From: ab8al@...
> > Date: Sat, 28 Apr 2012 10:02:56 -0400
> > Subject: Re: [harris-radio] Changing fuses in RF 110A
> >
> >
> >
> >
> >
> > I figured out the fuse deal. (eyesight was issue on removing, hate
> getting old).
> >
> > Still looking for feedback on if any special power up methods need to be
> used based on it not being powered up in 15 years.
> >
> > Terry
> > AB8AL
> >
> > Sent from my iPad
> >
> > On Apr 27, 2012, at 3:41 PM, "t" <ab8al@...> wrote:
> >
> >> Any one have the part number for the 25A 500V primary fuses? I am
> finally getting around to putting it on the air . It is currently wired for
> 208 3 phas and I want to change it to 230 1 phase. I have figured out the
> changes required for the xfmr but still need fuses also I have not figured
> out how to remove the fuses yet so that info would also be appreciated. I
> had hoped the light cap was a twist of but It doesn't seem to be and I am
> not wanting to use force until I am sure of what I am doing.
> >>
> >> Also anyone have a start up process for the amp after it has been
> sitting for 15 years?
> >>
> >> Terry
> >> AB8AL
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> >>
> >>
> >>
> >> TODAY(Beta) ? Powered by Yahoo!
> >> Prank brands man 'worst boyfriend ever'
> >> Privacy Policy
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> >
> > [Non-text portions of this message have been removed]
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> >
> > [Non-text portions of this message have been removed]
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> >
> > ----------
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?
> > Do you need a domain name and don't want to pay a lot for it?
> > Does your IP change every day or even every hour? and you need a way to
> get to you PC from outside your home or business?
> >
> > www.2mypc.netYahoo! Groups Links
> >
> >
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>
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>

[Non-text portions of this message have been removed]

1073. Re: [harris-radio] Changing fuses in RF 110A

Yahoo group: harris-radio
Date: 2012-04-28 17:12:43 UTC
From: Terry Hines
Topic: 1065 Message: 1073

I have 2 rf 1310 so I figure I can check it locally periodically for operating parameters. Also it is pretty much bullet proof keeping itself from self destruction. I figure I can monitor output and swr at the main station and that should provide enough for normal use. What exciter are you using it with?

Terry
AB8AL

Sent from my iPad

On Apr 28, 2012, at 11:49 AM, Felipe Ceglia <felipeceglia2@...> wrote:

> Hi Terry,
>
> Did you make a remote panel for it?
>
> Planning to do the same with mine, but I wish to make a remote meter panel,
> as I like to keep an eye on it sometimes...
>
> 73,
>
> Felipe Ceglia - PY1NB
> ---
> PR1T team member /// Rio DX Group member /// Araucaria DX Group member
> http://dxwatch.com /// http://reversebeacon.net /// http://riodxgroup.com
>

[Non-text portions of this message have been removed]

1074. Re: [harris-radio] Changing fuses in RF 110A

Yahoo group: harris-radio
Date: 2012-04-28 18:46:22 UTC
From: Felipe Ceglia
Topic: 1065 Message: 1074

Hi,

I am considering using it only with FWD/REF power metering, but... I am always afraid fo smelling something burning.

I am using it with a K3, which I attenuate its output to 150mw to enter into the RF110. I also removed the coax relay and made a vacuum relay jig. Its much less noisier, but I still need to consider changing the blower to something else, more silent & efficient if possible.

I do attenuate the input 100w into 150mw to prevent accidents from happening...

73,

Felipe Ceglia - PY1NB

PR1T team member /// Rio DX Group member /// Araucaria DX Group member
http://dxwatch.com /// http://reversebeacon.net /// http://riodxgroup.com

On Sat, Apr 28, 2012 at 2:12 PM, Terry Hines <ab8al@...> wrote:

> **
>
>
> I have 2 rf 1310 so I figure I can check it locally periodically for
> operating parameters. Also it is pretty much bullet proof keeping itself
> from self destruction. I figure I can monitor output and swr at the main
> station and that should provide enough for normal use. What exciter are you
> using it with?
>
>
> Terry
> AB8AL
>
> Sent from my iPad
>
> On Apr 28, 2012, at 11:49 AM, Felipe Ceglia <felipeceglia2@...>
> wrote:
>
> > Hi Terry,
> >
> > Did you make a remote panel for it?
> >
> > Planning to do the same with mine, but I wish to make a remote meter
> panel,
> > as I like to keep an eye on it sometimes...

> >
> > 73,
> >
> > Felipe Ceglia - PY1NB
> > ----------
> > PR1T team member /// Rio DX Group member /// Araucaria DX Group member
> > http://dxwatch.com /// http://reversebeacon.net ///
> http://riodxgroup.com
> >
>
> [Non-text portions of this message have been removed]
>
>
>

[Non-text portions of this message have been removed]

1075. RE: [harris-radio] Changing fuses in RF 110A

Yahoo group: harris-radio
Date: 2012-04-28 21:32:39 UTC
From: Robert Gunther
Topic: 1065 Message: 1075

Don't mess with the blower, you can put an external blower blowing air into the exhisting blower in the unit, as long as it exceeds the RF-110 400 hz blower capacity.. This will quiet it down, or use a muffler. The blower design is meant for even distribution of cooling. I think Harris even put a bulliten out about this. I'm using an RF-131-122 as an exciter, but I'm modifying it by padding down the input for my FT-1000 Mark 5 field.

Bob KG4OJZ (ex K1SUI)

> To: harris-radio@yahoogroups.com
> From: felipeceglia2@...
> Date: Sat, 28 Apr 2012 15:46:22 -0300
> Subject: Re: [harris-radio] Changing fuses in RF 110A
>
> Hi,
>
> I am considering using it only with FWD/REF power metering, but... I am
> always afraid fo smelling something burning.
>
> I am using it with a K3, which I attenuate its output to 150mw to enter
> into the RF110. I also removed the coax relay and made a vacuum relay jig.
> Its much less noisier, but I still need to consider changing the blower to
> something else, more silent & efficient if possible.
>
> I do attenuate the input 100w into 150mw to prevent accidents from
> happening...
>
> 73,
>
> Felipe Ceglia - PY1NB
> ---
> PR1T team member /// Rio DX Group member /// Araucaria DX Group member
> http://dxwatch.com /// http://reversebeacon.net /// http://riodxgroup.com
>
>
>
> On Sat, Apr 28, 2012 at 2:12 PM, Terry Hines <ab8al@...> wrote:
>
> > **
> >
> >
> > I have 2 rf 1310 so I figure I can check it locally periodically for
> > operating parameters. Also it is pretty much bullet proof keeping itself
> > from self destruction. I figure I can monitor output and swr at the main
> > station and that should provide enough for normal use. What exciter are you
> > using it with?

> >
> >
> > Terry
> > AB8AL
> >
> > Sent from my iPad
> >
> > On Apr 28, 2012, at 11:49 AM, Felipe Ceglia <felipeceglia2@...>
> > wrote:
> >
> > > Hi Terry,
> > >
> > > Did you make a remote panel for it?
> > >
> > > Planning to do the same with mine, but I wish to make a remote meter
> > panel,
> > > as I like to keep an eye on it sometimes...
> > >
> > > 73,
> > >
> > > Felipe Ceglia - PY1NB
> > > ---
> > > PR1T team member /// Rio DX Group member /// Araucaria DX Group member
> > > http://dxwatch.com /// http://reversebeacon.net ///
> > http://riodxgroup.com
> > >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ---
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC
from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

1076. Re: [harris-radio] Diagram for Power Distribution panel

Yahoo group: harris-radio
Date: 2012-04-28 23:34:40 UTC
From: waldrgr@rochester.rr.com
Topic: 1064 Message: 1076

Hi Ian:
I can help ypou out with all of that BUT not untill May 14th. Presently on the road with the grandkids

Roger
k4alphapapa
138 5000 2000
3230 3200
waldrgr@...

---- ian brown <wo2z@...> wrote:
> Hello to all in the group. I recently purchased a Harris 3230 amp with matching power supply. I did not get a complete power distribution assembly unit and was wondering if someone my have a circuit diagram of this unit or could provide detailed photos.
> A5 Power Distribution Panel
> A5A1 Power Distribution Panel PWB
>
> A5A2 Fan Regulator PWB
>
> 73's
>
> Ian
> wo2z
>
> [Non-text portions of this message have been removed]
>

1077. Re: [harris-radio] Diagram for Power Distribution panel

Yahoo group: harris-radio
Date: 2012-04-29 00:23:56 UTC
From: ian brown
Topic: 1064 Message: 1077

Thanks Roger
Sound great, I was getting a little worried that there were no members on the group who would be able help with a diagram of the power distribution unit for the Harris 3230. Have a safe and enjoyable trip with the family. Look forward to getting that info.

73's
Ian

From: "waldrgr@..." <waldrgr@rochester.rr.com>
To: harris-radio@yahoogroups.com
Cc: ian brown <wo2z@...>
Sent: Saturday, April 28, 2012 7:34 PM
Subject: Re: [harris-radio] Diagram for Power Distribution panel

Hi Ian:
I can help ypou out with all of that BUT not untill May 14th. Presently on the road with the grandkids

Roger
k4alphapapa
138 5000 2000
3230 3200
waldrgr@...

---- ian brown <wo2z@...> wrote:
> Hello to all in the group. I recently purchased a Harris 3230 amp with matching power supply. I did not get a complete power distribution assembly unit and was wondering if someone my have a circuit diagram of this unit or could provide detailed photos.
> A5 Power Distribution Panel
> A5A1 Power Distribution Panel PWB
>
> A5A2 Fan Regulator PWB
>
> 73's
>
> Ian
> wo2z
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

1078. Sincgars/PRC-138 BNC Antenna connector?

Yahoo group: harris-radio
Date: 2012-05-02 16:18:41 UTC
From: W2HX
Topic: 1078 Message: 1078

Hi there,

I am looking for the special shrouded/threaded bnc connector that is used on the sincgars sets (RT-1439/1523) as well as the Harris PRC-138 manpack radio.

Any chance anyone here has one of these connectors (panel mount or otherwise?). Here is a photo

http://www.prc68.com/I/Images/RT1439AntCons.jpg

Maybe from a parts mule radio?

Thanks!

73 Eugene W2HX

[Non-text portions of this message have been removed]

1079. Reminder - F.S. at Dayton

Yahoo group: harris-radio
Date: 2012-05-02 17:36:17 UTC
From: Gary
Topic: 1079 Message: 1079

Dear Harris enthusiasts - I will have the following treasures for sale at Dayton this year:

1. RF-350K Transceiver

2. RF-352 Remote Control

3. MK-0009 Microphone (qty 3)

4. 488T Microphone

5.RF-350K Instruction Manual (lg 3-ring binder)

Visit me at on the asphalt FRI & SAT (spot 1901).

Gary W5BI

1080. Re: [harris-radio] Sincgars/PRC-138 BNC Antenna connector?

Yahoo group: harris-radio
Date: 2012-05-03 18:34:03 UTC
From: waldrgr@rochester.rr.com
Topic: 1078 Message: 1080

Hi Engene:
I doubt you will ever find a direct replacement for the ant conn. especially for the PRC 138. They are extinct except for ones already on units. Finding a replacement/substitute may be easier. I know even Harris cannot get them anymore. I workrd on them for years and they do have a high failure due causing poor sensitivity and power loss and just wearing out due to the elements.
Harris's last buy was a basic straight thru from bnc to a short lead to connect to the coupler bd. I would think a feed thru of sort would be found to mount on that hole weather it be a UHF, N or bnc.
Regards
Roger
k4alphapapa
waldrgr@...
138 5000 3200 3230,2000

---- W2HX <w2hx@...> wrote:
> Hi there,
>
>
> I am looking for the special shrouded/threaded bnc connector that is used on the sincgars sets (RT-1439/1523) as well as the Harris PRC-138 manpack radio.
>
>
>
> Any chance anyone here has one of these connectors (panel mount or otherwise?). Here is a photo
>
>
>
> http://www.prc68.com/I/Images/RT1439AntCons.jpg
>
>
>
> Maybe from a parts mule radio?
>
>
>
> Thanks!
>
>
>
> 73 Eugene W2HX
>
>
>

> [Non-text portions of this message have been removed]
>

1081. RPM programing

Yahoo group: harris-radio
Date: 2012-05-05 18:30:05 UTC
From: firebug840
Topic: 1081 Message: 1081

need the RPM programing for a ma/com p7100ip vhf
thanks bill KA7NQG

1082. RE: [harris-radio] Sincgars/PRC-138 BNC Antenna connector?

Yahoo group: harris-radio
Date: 2012-05-04 00:03:51 UTC
From: W2HX
Topic: 1078 Message: 1082

Hi Roger, thanks for your note. I am very surprised to hear that this connector is unobtainium! I would have thought that the sincgars and PRC-138 are recent enough items that the military or at least the companies would still want to maintain spares, no? So what do the recent harris manpacks use for an antenna connector (PRC-150?). I do kinda like this one on the -138/-119 because it has the simplicity of bnc but the rigidity for a big whip due to the surrounding threaded shroud. Of course, BNC's as far as connector go, are not particularly robust (unlike the N connector) so I guess with serious miles on the radio in rough conditions, I can imagine it might not hold up.

BTW: It looks like the daytron/transworld PRC-1088 also uses this connector - and daytron may still provide spares. So I have contacted them for sh-ts and giggles.

What is the current "standard" connector for whips?

73 Eugene W2HX

-----Original Message-----
From: waldrgr@rochester.rr.com [mailto:waldrgr@rochester.rr.com]
Sent: Thursday, May 03, 2012 2:34 PM
To: harris-radio@yahoogroups.com
Cc: W2HX
Subject: Re: [harris-radio] Sincgars/PRC-138 BNC Antenna connector?

Hi Engene:
I doubt you will ever find a direct replacement for the ant conn. especially for the PRC 138. They are extinct except for ones already on units. Finding a replacement/substitute may be easier. I know even Harris cannot get them anymore. I workrd on them for years and they do have a high failure due causing poor sensitivity and power loss and just wearing out due to the elements.
Harris's last buy was a basic straight thru from bnc to a short lead to connect to the coupler bd. I would think a feed thru of sort would be found to mount on that hole weather it be a UHF, N or bnc.
Regards
Roger
k4alphapapa
waldrgr@rochester.rr.com
138 5000 3200 3230,2000

---- W2HX <w2hx@w2hx.com> wrote:
> Hi there,
>
>
> I am looking for the special shrouded/threaded bnc connector that is used on the sincgars sets (RT-1439/1523) as well as the Harris PRC-138 manpack radio.
>
>

>
> Any chance anyone here has one of these connectors (panel mount or otherwise?). Here is a photo
>
>
>
> http://www.prc68.com/I/Images/RT1439AntCons.jpg
>
>
>
> Maybe from a parts mule radio?
>
>
>
> Thanks!
>
>
>
> 73 Eugene W2HX
>
>
>
> [Non-text portions of this message have been removed]
>

1083. Re: [harris-radio] Sincgars/PRC-138 BNC Antenna connector?

Yahoo group: harris-radio
Date: 2012-05-04 06:09:58 UTC
From: Chance Wolf
Topic: 1078 Message: 1083

Probably not helpful, but I found a Kings p/n on one of the pooched ones I've recently replaced: Kings 757-21-101 (from an RT-1439.) Did a quick Google search but all the fake www.partsbid.com type sites keep coming up as opposed to something useful – though that also tends to mean the mfg p/n is valid.

(PS I've submitted many, many RFQs to those sorts of outfits over the years and have yet to receive a single response. Once they know you're not the Government of Outer Bollockstan looking to replace 1367 connectors at once, you're not worth their time, I guess.)

From: W2HX
Sent: Wednesday, May 02, 2012 9:18 AM
To: harris-radio@yahoogroups.com ; harris@...
Subject: [harris-radio] Sincgars/PRC-138 BNC Antenna connector?

Hi there,

I am looking for the special shrouded/threaded bnc connector that is used on the sincgars sets (RT-1439/1523) as well as the Harris PRC-138 manpack radio.

Any chance anyone here has one of these connectors (panel mount or otherwise?). Here is a photo

http://www.prc68.com/I/Images/RT1439AntCons.jpg

[Non-text portions of this message have been removed]

1084. RE: [harris-radio] Sincgars/PRC-138 BNC Antenna connector?

Yahoo group: harris-radio
Date: 2012-05-16 14:36:39 UTC
From: Roger Waldmiller
Topic: 1078 Message: 1084

Hi Eugene:

The 138 and the 5800 series (150) ant conn do share a similarity but are different in mounting. The inner is BNC and the outer is the threaded for the screw on ant's I didn't do much with the 5800 series as I worked on the LEGACY units. The 138's were all replaced by the 5800's and Harris dropped the support a year or two ago . Some foreign countries still use the 138 but will get no parts from Harris.

I have no dimensions for either conn so am unable to even try to say what fits. Being familiar with the 138 , if I had the actually dimensions of the ctr hole dia and the ctr to ctr dimension of the flange holes . I could probably work something that would fit.

If you come across anything or even a source ….drop me a line …..i'll pass it on.

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of W2HX
Sent: Thursday, May 03, 2012 8:04 PM
To: waldrgr@...; harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Sincgars/PRC-138 BNC Antenna connector?

Hi Roger, thanks for your note. I am very surprised to hear that this connector is unobtainium! I would have thought that the sincgars and PRC-138 are recent enough items that the military or at least the companies would still want to maintain spares, no? So what do the recent harris manpacks use for an antenna connector (PRC-150?). I do kinda like this one on the -138/-119 because it has the simplicity of bnc but the rigidity for a big whip due to the surrounding threaded shroud. Of course, BNC's as far as connector go, are not particularly robust (unlike the N connector) so I guess with serious miles on the radio in rough conditions, I can imagine it might not hold up.

BTW: It looks like the daytron/transworld PRC-1088 also uses this connector - and daytron may still provide spares. So I have contacted them for sh-ts and giggles.

What is the current "standard" connector for whips?

73 Eugene W2HX

-----Original Message-----
From: waldrgr@... <mailto:waldrgr%40rochester.rr.com> [mailto:waldrgr@... <mailto:waldrgr%40rochester.rr.com>]
Sent: Thursday, May 03, 2012 2:34 PM
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Cc: W2HX
Subject: Re: [harris-radio] Sincgars/PRC-138 BNC Antenna connector?

Hi Engene:
I doubt you will ever find a direct replacement for the ant conn. especially for the PRC 138. They are extinct except for ones already on units. Finding a replacement/substitute may be easier. I know even Harris cannot get them anymore. I workrd on them for years and they do have a high failure due causing poor sensitivity and power loss and just wearing out due to the elements.
Harris's last buy was a basic straight thru from bnc to a short lead to connect to the coupler bd. I would think a feed thru of sort would be found to mount on that hole weather it be a UHF, N or bnc.
Regards
Roger
k4alphapapa
waldrgr@rochester.rr.com <mailto:waldrgr%40rochester.rr.com>
138 5000 3200 3230,2000

---- W2HX <w2hx@... <mailto:w2hx%40w2hx.com> > wrote:
> Hi there,
>
>
> I am looking for the special shrouded/threaded bnc connector that is used on the sincgars sets (RT-1439/1523) as well as the Harris PRC-138 manpack radio.
>
>
>
> Any chance anyone here has one of these connectors (panel mount or otherwise?). Here is a photo
>
>
>
> http://www.prc68.com/I/Images/RT1439AntCons.jpg
>
>
>
> Maybe from a parts mule radio?
>
>
>
> Thanks!
>
>
>
> 73 Eugene W2HX

>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

1085. RF-355, AM-7223

Yahoo group: harris-radio
Date: 2012-05-22 00:31:52 UTC
From: w7tlt@verizon.net
Topic: 1085 Message: 1085

Hello group, I have the RF-355 that I trade for from a friend of mine.
It needs a tube, he sent the 3cx800 to RF parts to test and it was bad.
My question is, keep the amp and try and find a tube or sell it without the tube. I have been looking for a used tube but so far no luck.
I have two other amps.
Terry, K7NY

1086. Re: [harris-radio] RF-355, AM-7223

Yahoo group: harris-radio
Date: 2012-05-22 00:58:47 UTC
From: Berndt Josef Wulf
Topic: 1085 Message: 1086

G'day Terry,

there are currently four sellers offering the 3CX800 on eBay.

73, Berndt
VK5ABN

On Tue, 2012-05-22 at 00:31 +0000, w7tlt@... wrote:
> Hello group, I have the RF-355 that I trade for from a friend of mine.
> It needs a tube, he sent the 3cx800 to RF parts to test and it was bad.
> My question is, keep the amp and try and find a tube or sell it without the tube. I have been looking for a used tube but so far no luck.
> I have two other amps.
> Terry, K7NY
>
>
>
> ----------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>

1087. Re: RF-355, AM-7223

Yahoo group: harris-radio
Date: 2012-05-22 01:44:57 UTC
From: w7tlt@verizon.net
Topic: 1085 Message: 1087

Three are new ($495.00-$1000.00) and one 3cx800U7.I don't want to spend that much, after all I am a ham.
Terry,
K7NY

--- In harris-radio@yahoogroups.com, Berndt Josef Wulf <wulf@...> wrote:
>
> G'day Terry,
>
> there are currently four sellers offering the 3CX800 on eBay.
>
> 73, Berndt
> VK5ABN
>
> On Tue, 2012-05-22 at 00:31 +0000, w7tlt@... wrote:
> > Hello group, I have the RF-355 that I trade for from a friend of mine.
> > It needs a tube, he sent the 3cx800 to RF parts to test and it was bad.
> > My question is, keep the amp and try and find a tube or sell it without the tube. I have been looking for a used tube but so far no luck.
> > I have two other amps.
> > Terry, K7NY
> >
> >
> >
> > ------------------------------------
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?
> > Do you need a domain name and don't want to pay a lot for it?
> > Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
> >
> > www.2mypc.netYahoo! Groups Links
> >
> >
> >
>

1088. Re: [harris-radio] Re: RF-355, AM-7223

Yahoo group: harris-radio
Date: 2012-05-22 02:26:50 UTC
From: Terry Hines
Topic: 1085 Message: 1088

Then the choice is simple sell it without the tube.

Terry
Ab8al

Sent from my iPhone

On May 21, 2012, at 9:44 PM, "w7tlt@..." <k7ny1948@comcast.net> wrote:

> Three are new ($495.00-$1000.00) and one 3cx800U7.I don't want to spend that much, after all I am a ham.
> Terry,
> K7NY
>
> --- In harris-radio@yahoogroups.com, Berndt Josef Wulf <wulf@...> wrote:
> >
> > G'day Terry,
> >
> > there are currently four sellers offering the 3CX800 on eBay.
> >
> > 73, Berndt
> > VK5ABN
> >
> > On Tue, 2012-05-22 at 00:31 +0000, w7tlt@... wrote:
> > > Hello group, I have the RF-355 that I trade for from a friend of mine.
> > > It needs a tube, he sent the 3cx800 to RF parts to test and it was bad.
> > > My question is, keep the amp and try and find a tube or sell it without the tube. I have been looking for a used tube but so far no luck.
> > > I have two other amps.
> > > Terry, K7NY
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > This Group Brought to you by 2mypc
> > >
> > > Are you with an ISP that gives you a dynamic IP?
> > > Do you need a domain name and don't want to pay a lot for it?
> > > Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
> > >
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[Non-text portions of this message have been removed]

1089. RF-382 v CU-2397

Yahoo group: harris-radio
Date: 2012-05-23 01:25:14 UTC
From: scm325
Topic: 1089 Message: 1089

Are the RF-382 and the CU-2397 the same bird. The reason I ask is that I have both a RF-350 station and a 5020 setup, and am tryin the figure out if I can use the 2397 on both. I picked up 3 2397s at Dayton & have been told that the 2397 won't work with the 5020 / 5032 station. I have a manual for the 2397, but am looking for the 382 manual.

any info of opinions?

Thanks,
Steve
KM4V

1090. RF-382 v CU-2397

Yahoo group: harris-radio
Date: 2012-05-23 01:25:38 UTC
From: scm325
Topic: 1089 Message: 1090

Are the RF-382 and the CU-2397 the same bird. The reason I ask is that I have both a RF-350 station and a 5020 setup, and am tryin the figure out if I can use the 2397 on both. I picked up 3 2397s at Dayton & have been told that the 2397 won't work with the 5020 / 5032 station. I have a manual for the 2397, but am looking for the 382 manual.

any info of opinions?

Thanks,
Steve
KM4V

1091. Re: [harris-radio] RF-382 v CU-2397

Yahoo group: harris-radio
Date: 2012-05-23 01:41:11 UTC
From: Scott McGrath
Topic: 1089 Message: 1091

The 382 reads vswr internally the 2397 has a bridge which sends the vswr value back to the am-7223

Sent from my iPhone

On May 22, 2012, at 9:25 PM, "scm325" <Highpwr@...> wrote:

> Are the RF-382 and the CU-2397 the same bird. The reason I ask is that I have both a RF-350 station and a 5020 setup, and am tryin the figure out if I can use the 2397 on both. I picked up 3 2397s at Dayton & have been told that the 2397 won't work with the 5020 / 5032 station. I have a manual for the 2397, but am looking for the 382 manual.
>
> any info of opinions?
>
> Thanks,
> Steve
> KM4V
>
>

[Non-text portions of this message have been removed]

1092. Re: [harris-radio] RF-382 v CU-2397

Yahoo group: harris-radio
Date: 2012-05-23 01:42:31 UTC
From: Scott McGrath
Topic: 1089 Message: 1092

If you want to part with a 2397 let me know I could use one for my rf-350 station

Sent from my iPhone

On May 22, 2012, at 9:25 PM, "scm325" <Highpwr@...> wrote:

> Are the RF-382 and the CU-2397 the same bird. The reason I ask is that I have both a RF-350 station and a 5020 setup, and am tryin the figure out if I can use the 2397 on both. I picked up 3 2397s at Dayton & have been told that the 2397 won't work with the 5020 / 5032 station. I have a manual for the 2397, but am looking for the 382 manual.
>
> any info of opinions?
>
> Thanks,
> Steve
> KM4V
>
>

[Non-text portions of this message have been removed]

1093. Part numbers for rf-5022 mount

Yahoo group: harris-radio
Date: 2012-05-23 01:47:50 UTC
From: Scott McGrath
Topic: 1093 Message: 1093

All

Looking for part #s for mounting kit components for a rf-5022 system as well as a level 4 manual set for same

Sent from my iPhone

1094. Re: [harris-radio] RF-382 v CU-2397

Yahoo group: harris-radio
Date: 2012-05-23 13:26:22 UTC
From: Scott McGrath
Topic: 1089 Message: 1094

Hi

Spoke too soon the CU-2397/G model is electronically equivalent to the RF-382A
Non G models may not be and the G model shares the same pinout and connector with the RF-382

What I don't know is whether the 2397 is hopping compatible as the 382 is

Scott
Sent from my iPhone

On May 22, 2012, at 9:25 PM, "scm325" <Highpwr@...> wrote:

> Are the RF-382 and the CU-2397 the same bird. The reason I ask is that I have both a RF-350 station and a 5020 setup, and am tryin the figure out if I can use the 2397 on both. I picked up 3 2397s at Dayton & have been told that the 2397 won't work with the 5020 / 5032 station. I have a manual for the 2397, but am looking for the 382 manual.
>
> any info of opinions?
>
> Thanks,
> Steve
> KM4V
>
>

[Non-text portions of this message have been removed]

1095. RF-2301 stuck in USB

Yahoo group: harris-radio
Date: 2012-05-24 16:34:03 UTC
From: Jay
Topic: 1095 Message: 1095

Hi,

I recently acquired an RF2301, it transmits and receives fine but it's stuck in USB. I already checked the mode selector switch and it's good. I have no service manual for this unit so aside from the mode selector switch, I am at a loss on where to look. Looking forward also for somebody willing to share a PDF copy of the service manual to help in fixing this radio.

Any help is highly appreciated.

Thank you.
Jay

1096. Re: RF-2301 stuck in USB

Yahoo group: harris-radio
Date: 2012-05-24 20:02:47 UTC
From: w5dtw1@papaloteranch.com
Topic: 1095 Message: 1096

It probably only has an USB filter in it, most were for Marine use and did not have LSB, it has jumper to always select USB when switched to LSB
Craig

Living Life In The Rural Lane

[Non-text portions of this message have been removed]

1097. Re: RF-2301 stuck in USB

Yahoo group: harris-radio
Date: 2012-05-24 20:05:02 UTC
From: w5dtw1@papaloteranch.com
Topic: 1095 Message: 1097

Actually it will be a LSB filter, because of the frequency scheme it is reversed.
Craig

Living Life In The Rural Lane

[Non-text portions of this message have been removed]

1098. Re: RF-2301 stuck in USB

Yahoo group: harris-radio
Date: 2012-05-24 23:39:19 UTC
From: Jay
Topic: 1095 Message: 1098

Hi,

Thanks for reply. I'm pretty sure it is capable of going LSB and other modes, as there are frequencies in LSB and AM that were programmed in its memory. Whenever I turn the channel knob to the "select frequency" position, and turn the mode switch, I couldn't change the mode to LSB, AM, etc, though I can see the LED display on top of the mode switch changes to different character but still it is in USB mode.

I also checked the flat cables from the front panel board going to the main unit of the radio, all checked good for continuity.

Thanks again for any help.

jay

--- In harris-radio@yahoogroups.com, <w5dtw1@...> wrote:
>
>
> Actually it will be a LSB filter, because of the frequency scheme it is
> reversed.
> Craig
>
>
> Living Life In The Rural Lane
>
>
>
> [Non-text portions of this message have been removed]
>

1099. Re: RF-2301 stuck in USB

Yahoo group: harris-radio
Date: 2012-05-25 00:42:55 UTC
From: w5dtw1@papaloteranch.com
Topic: 1095 Message: 1099

Well pull the board with the filters (I don't remember which as it has been many years) and see if it has both USB and LSB filters, if so I believe it uses diode switching and maybe the diodes are shorted.
Craig

Living Life In The Rural Lane

[Non-text portions of this message have been removed]

1100. Re: RF-382 v CU-2397

Yahoo group: harris-radio
Date: 2012-05-25 23:46:52 UTC
From: scm325
Topic: 1089 Message: 1100

Scott,

Thanks for your input, they are all G models; so i still not quite sure about my question, I got the manual with them; however it just mentions the RF-350 in it. However on the pages refering to some or one of the boards (don't recall which right now) it refers to some jumpers for use as a 382. Not sure of all the units status, all look clean inside but they have all been in service in the past as the cases are rather weathered. I have the 351 coupler cable for the 350 so I'll have to check its manual against the 2397/G manual about pin out / use. Still am looking for the 382A manual.

PS will keep you in mind after i get them checked out, and If i decide to sell any.

Thanks,
Steve

--- In harris-radio@yahoogroups.com, Scott McGrath <scott@...> wrote:
>
> Hi
>
> Spoke too soon the CU-2397/G model is electronically equivalent to the RF-382A
> Non G models may not be and the G model shares the same pinout and connector with the RF-382
>
> What I don't know is whether the 2397 is hopping compatible as the 382 is
>
> Scott
> Sent from my iPhone
>
> On May 22, 2012, at 9:25 PM, "scm325" <Highpwr@...> wrote:
>
> > Are the RF-382 and the CU-2397 the same bird. The reason I ask is that I have both a RF-350 station and a 5020 setup, and am tryin the figure out if I can use the 2397 on both. I picked up 3 2397s at Dayton & have been told that the 2397 won't work with the 5020 / 5032 station. I have a manual for the 2397, but am looking for the 382 manual.
> >
> > any info of opinions?
> >
> > Thanks,
> > Steve
> > KM4V
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

1101. Re: RF-382 v CU-2397

Yahoo group: harris-radio
Date: 2012-05-27 18:18:42 UTC
From: ford91exploder
Topic: 1089 Message: 1101

The CU-2397 is basically a RF-382 without the high speed tuning on the RF-382A for used in frequency hopping

It's backward compatible with the RF-350 which was the standard tuner for the RF-350K or "PACER BOUNCE" system

The cables for the RF-350 will be different than for the FALCON

Pinout For FALCON system

The J2 pinout is:

A: Shield
A: Ground
B: /Keyline
C: /Coupler Fault
E: /Rechannel
F: /Tune Power Request
G: /Bypass
H: +28
I: +28
J: /Key disable
N: /6 dB Cutback (RF-5034PA-400E

--- In harris-radio@yahoogroups.com, "scm325" <Highpwr@...> wrote:
>
> Scott,
>
> Thanks for your input, they are all G models; so i still not quite sure about my question, I got the manual with them; however it just mentions the RF-350 in it. However on the pages refering to some or one of the boards (don't recall which right now) it refers to some jumpers for use as a 382. Not sure of all the units status, all look clean inside but they have all been in service in the past as the cases are rather weathered. I have the 351 coupler cable for the 350 so I'll have to check its manual against the 2397/G manual about pin out / use. Still am looking for the 382A manual.
>
> PS will keep you in mind after i get them checked out, and If i decide to sell any.
>
> Thanks,
> Steve
>
> --- In harris-radio@yahoogroups.com, Scott McGrath <scott@> wrote:
> >
> > Hi
> >
> > Spoke too soon the CU-2397/G model is electronically equivalent to the RF-382A

> > Non G models may not be and the G model shares the same pinout and connector with the RF-382
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> > What I don't know is whether the 2397 is hopping compatible as the 382 is
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> > On May 22, 2012, at 9:25 PM, "scm325" <Highpwr@> wrote:
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> > > Are the RF-382 and the CU-2397 the same bird. The reason I ask is that I have both a RF-350 station and a 5020 setup, and am tryin the figure out if I can use the 2397 on both. I picked up 3 2397s at Dayton & have been told that the 2397 won't work with the 5020 / 5032 station. I have a manual for the 2397, but am looking for the 382 manual.
> > >
> > > any info of opinions?
> > >
> > > Thanks,
> > > Steve
> > > KM4V
> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

1102. Re: RF-382 v CU-2397

Yahoo group: harris-radio
Date: 2012-05-30 01:22:31 UTC
From: scm325
Topic: 1089 Message: 1102

Thanks Scott,

That answers some of my questions, but not all; you dont have to happen the pin-out for the 5032A power amp side. Don't have a coupler cable made up for the 5000 series, but do have one for the 1446/350 unit. Rest the first unit for use with the 350, but not getting any tune power out of my 350. I remembered that I had this issue with my cu-2310 shortly before I moved....so got to get the tune power backup and running on the 350 & make up a 5000 series coupler cable.

thanks,
Steve

--- In harris-radio@yahoogroups.com, "ford91exploder" <scott@...> wrote:
>
> The CU-2397 is basically a RF-382 without the high speed tuning on the RF-382A for used in frequency hopping
>
> It's backward compatible with the RF-350 which was the standard tuner for the RF-350K or "PACER BOUNCE" system
>
> The cables for the RF-350 will be different than for the FALCON
>
> Pinout For FALCON system
>
> The J2 pinout is:
>
> A: Shield
> A: Ground
> B: /Keyline
> C: /Coupler Fault
> E: /Rechannel
> F: /Tune Power Request
> G: /Bypass
> H: +28
> I: +28
> J: /Key disable
> N: /6 dB Cutback (RF-5034PA-400E
>
>
>
>
> --- In harris-radio@yahoogroups.com, "scm325" <Highpwr@> wrote:
> >
> > Scott,
> >
> > Thanks for your input, they are all G models; so i still not quite sure about my

question, I got the manual with them; however it just mentions the RF-350 in it. However on the pages refering to some or one of the boards (don't recall which right now) it refers to some jumpers for use as a 382. Not sure of all the units status, all look clean inside but they have all been in service in the past as the cases are rather weathered. I have the 351 coupler cable for the 350 so I'll have to check its manual against the 2397/G manual about pin out / use. Still am looking for the 382A manual.
> >
> > PS will keep you in mind after i get them checked out, and If i decide to sell any.
> >
> > Thanks,
> > Steve
> >
> > --- In harris-radio@yahoogroups.com, Scott McGrath <scott@> wrote:
> > >
> > > Hi
> > >
> > > Spoke too soon the CU-2397/G model is electronically equivalent to the RF-382A
> > > Non G models may not be and the G model shares the same pinout and connector with the RF-382
> > >
> > > What I don't know is whether the 2397 is hopping compatible as the 382 is
> > >
> > > Scott
> > > Sent from my iPhone
> > >
> > > On May 22, 2012, at 9:25 PM, "scm325" <Highpwr@> wrote:
> > >
> > > > Are the RF-382 and the CU-2397 the same bird. The reason I ask is that I have both a RF-350 station and a 5020 setup, and am tryin the figure out if I can use the 2397 on both. I picked up 3 2397s at Dayton & have been told that the 2397 won't work with the 5020 / 5032 station. I have a manual for the 2397, but am looking for the 382 manual.
> > > >
> > > > any info of opinions?
> > > >
> > > > Thanks,
> > > > Steve
> > > > KM4V
> > > >
> > > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

1103. RT-1446 / RF-350 no tune power

Yahoo group: harris-radio
Date: 2012-05-30 01:26:25 UTC
From: scm325
Topic: 1103 Message: 1103

My 1446 / 350 has lost tune power; display showes "Tune when called on by coupler, but no RF out of it when tune power requested.

Otherwise operation seems normal with full power out on all modes / freqs.

Anybody seen this before or have any ideas?

Thanks,
Steve
KM4V

1104. looking for a RF-5074 Mounting Tray for the 400 watt amp

Yahoo group: harris-radio
Date: 2012-05-30 15:58:08 UTC
From: j.cherry377
Topic: 1104 Message: 1104

reply off list please, thanks

1105. RF-550 Freq Standard

Yahoo group: harris-radio
Date: 2012-06-04 16:50:24 UTC
From: John
Topic: 1105 Message: 1105

Hi All,

I have just repaired the 5 Mhz input into my divider chain and have all outputs except the 35 Mhz from the X7 freq multiplier. Has anyone information on this circuit? I do have output, but it is 15Mhz. I am thinking that it needs to be tuned. Anyone have the instructions for this?

Thanks,

John WD5ENU

1106. Harris RF-7800H announced...

Yahoo group: harris-radio
Date: 2012-06-14 18:37:44 UTC
From: Spike
Topic: 1106 Message: 1106

See below I do believe I had the great honor to be the first Ham to talk to one of these on the air. K9WT is a senior design engineer for Harris. He was able to conduct some personal field trials with it last year. It's performance was EXCEPTIONAL! Under extremely adverse conditions on 20 & 40 meters he was 100% copy with 20 watts into a whip on multiple days, & nights. Dennis LB0SFP

http://rf.harris.com/capabilities/tactical-radios-networking/rf-7800h-mp.asp

Here it is. You heard it first

73,

John K9WT

1107. RE: Harris RF-7800H announced...

Yahoo group: harris-radio
Date: 2012-06-14 19:13:00 UTC
From: W2HX
Topic: 1106 Message: 1107

Interesting to see they continue to use the bnc with the threaded shroud for the whip. They started using this (I think) in the RT-1439/PRC-119 and I've seen it again in the PRC-138. I've also seen it in some other radios like the PRC-1088.

73 Eugene W2HX

From: milpack@yahoogroups.com<mailto:milpack@yahoogroups.com> [mailto:milpack@yahoogroups.com]<mailto:[mailto:milpack@yahoogroups.com]> On Behalf Of kb0sfp
Sent: Thursday, June 14, 2012 2:39 PM
To: milpack@yahoogroups.com<mailto:milpack@yahoogroups.com>
Subject: [milpack] Harris RF-7800H announced...

See below I do believe I had the great honor to be the first Ham to talk to one of these on the air. K9WT is a senior design engineer for Harris. He was able to conduct some personal field trials with it last year. It's performance was EXCEPTIONAL! Under extremely adverse conditions on 20 & 40 meters he was 100% copy with 20 watts into a whip on multiple days, & nights. Dennis KB0SFP

http://rf.harris.com/capabilities/tactical-radios-networking/rf-7800h-mp.asp

Here it is. You heard it first...

73,

John K9WT

[Non-text portions of this message have been removed]

1108. RE: Harris RF-7800H announced...

Yahoo group: harris-radio
Date: 2012-06-14 19:13:19 UTC
From: W2HX
Topic: 1106 Message: 1108

Looking at the specs, I was surprised to see its frequency stability was only 1x10^6. Of course that is pretty good. But considering it has a built in GPS receiver for position reporting, I would have thought they could achieve 1x10^9 or better.

Also interesting to see it has a USB port! I guess that's the best way to get data/video over.

73 Eugene W2HX

From: milpack@yahoogroups.com<mailto:milpack@yahoogroups.com>
[mailto:milpack@yahoogroups.com]<mailto:[mailto:milpack@yahoogroups.com]> On Behalf Of kb0sfp
Sent: Thursday, June 14, 2012 2:39 PM
To: milpack@yahoogroups.com<mailto:milpack@yahoogroups.com>
Subject: [milpack] Harris RF-7800H announced...

See below I do believe I had the great honor to be the first Ham to talk to one of these on the air. K9WT is a senior design engineer for Harris. He was able to conduct some personal field trials with it last year. It's performance was EXCEPTIONAL! Under extremely adverse conditions on 20 & 40 meters he was 100% copy with 20 watts into a whip on multiple days, & nights. Dennis KB0SFP

http://rf.harris.com/capabilities/tactical-radios-networking/rf-7800h-mp.asp

Here it is. You heard it first...

73,

John K9WT

[Non-text portions of this message have been removed]

1109. RE: [harris-radio] Harris RF-7800H announced...

Yahoo group: harris-radio
Date: 2012-06-14 20:28:47 UTC
From: Richard Johnson
Topic: 1106 Message: 1109

Very cool Dennis!
I remember you guys talking about that back then, don't recall if I heard it on the air or not.
I bet it costs between 60 and 70 grand and is not available to the public.
Now all they need is Vinson Comsec and ALE and a PRC designation and they can replace the PRC-150.
Kinda a quick advancement. We just got the 150s issued in 2007 in the Guard. Not sure when big Army got them, but at that time Marine corp units still had the PRC-138.
Gotta love technology. Can't wait to get issued one some day.
Rich Johnson
KI6EZA

To: harris-radio@yahoogroups.com
From: spike.dennis@yahoo.com
Date: Thu, 14 Jun 2012 18:37:44 +0000
Subject: [harris-radio] Harris RF-7800H announced...

See below I do believe I had the great honor to be the first Ham to talk to one of these on the air. K9WT is a senior design engineer for Harris. He was able to conduct some personal field trials with it last year. It's performance was EXCEPTIONAL! Under extremely adverse conditions on 20 & 40 meters he was 100% copy with 20 watts into a whip on multiple days, & nights. Dennis LB0SFP

http://rf.harris.com/capabilities/tactical-radios-networking/rf-7800h-mp.asp

Here it is. You heard it first?

73,

John K9WT

[Non-text portions of this message have been removed]

1110. 5022 r/t cables needed.

Yahoo group: harris-radio
Date: 2012-06-14 23:41:02 UTC
From: Dr. Fred
Topic: 1110 Message: 1110

I have recently acquired several 5022R/T, 125 watt amps and antenna tuners. I need the cables between the transmitter and amplifier and the power cable. I am also interested in purchasing the 110 volt power supply.
Anyone have any portion of what I need for sale?
73
Fred W4JLE

1111. RE: [harris-radio] 5022 r/t cables needed.

Yahoo group: harris-radio
Date: 2012-06-15 02:21:45 UTC
From: Richard Johnson
Topic: 1110 Message: 1111

Good luck Fred. You will probably have to make them.
I am forced to have to make an RT amp cable, may make up a couple at the same time like and assembly line.
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

To: harris-radio@yahoogroups.com
From: w4jle@...
Date: Thu, 14 Jun 2012 23:41:02 +0000
Subject: [harris-radio] 5022 r/t cables needed.

I have recently acquired several 5022R/T, 125 watt amps and antenna tuners. I need the cables between the transmitter and amplifier and the power cable. I am also interested in purchasing the 110 volt power supply.
Anyone have any portion of what I need for sale?
73
Fred W4JLE

[Non-text portions of this message have been removed]

1112. PRC-138 HF vs VHF Antenna operation?

Yahoo group: harris-radio
Date: 2012-06-21 16:42:39 UTC
From: W2HX
Topic: 1112 Message: 1112

Hi there. I once saw the operator of a PRC-138 switch antennas from the AT-271 to a tape antenna AT-892 when switching to 6 meters from HF use. Is this necessary? I looked at the PRC-138 operators manual and could find nothing on this. The only thing I found was the specification page about the built in tuner that said: 8, 10, 16 ft whips 1.6 to 60 MHz which makes me think there is no need to change antennas. Could there be any benefit of changing even though it might not be required?

thanks

73 Eugene W2HX

[Non-text portions of this message have been removed]

1113. RE: [harris-radio] 5022 r/t cables needed.

Yahoo group: harris-radio
Date: 2012-06-21 18:07:38 UTC
From: W2HX
Topic: 1110 Message: 1113

Here is a 110V power supply if you are still looking:

http://www.american-milspec.com/p-6188-harris-rf-5051ps-125-falcon-and-falcon-ii-power-supply-used-and-scratched-but-working.aspx

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Dr. Fred
Sent: Thursday, June 14, 2012 7:41 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] 5022 r/t cables needed.

I have recently acquired several 5022R/T, 125 watt amps and antenna tuners. I need the cables between the transmitter and amplifier and the power cable. I am also interested in purchasing the 110 volt power supply.
Anyone have any portion of what I need for sale?
73
Fred W4JLE

[Non-text portions of this message have been removed]

1114. RE: [harris-radio] 5022 r/t cables needed.

Yahoo group: harris-radio
Date: 2012-06-21 18:40:02 UTC
From: Dr Fred Hambrecht
Topic: 1110 Message: 1114

Thanks for the info.

Fred W4JLE

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of W2HX
Sent: Thursday, June 21, 2012 2:08 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] 5022 r/t cables needed.

Here is a 110V power supply if you are still looking:

http://www.american-milspec.com/p-6188-harris-rf-5051ps-125-falcon-and-falcon-ii-power-supply-used-and-scratched-but-working.aspx

73 Eugene W2HX

[Non-text portions of this message have been removed]

1115. RF-590

Yahoo group: harris-radio
Date: 2012-06-22 13:46:17 UTC
From: kennedysymon
Topic: 1115 Message: 1115

Hello all,
One of the freq sel switches in my RF-590 has failed. Does anyone know of a suitable replacement, or even have one to sell me please?
73, Symon G4DND

1116. Re: [harris-radio] RF-590

Yahoo group: harris-radio
Date: 2012-06-22 18:31:00 UTC
From: J Mcvein
Topic: 1115 Message: 1116

I have some Harris KB switches here - A pic would sure help.
Jim Mc
Vancouver, WA US

From: kennedysymon <torview@uwclub.net>
To: harris-radio@yahoogroups.com
Sent: Friday, June 22, 2012 6:46 AM
Subject: [harris-radio] RF-590

Hello all,
One of the freq sel switches in my RF-590 has failed. Does anyone know of a suitable replacement, or even have one to sell me please?
73, Symon G4DND

[Non-text portions of this message have been removed]

1117. Re: [harris-radio] RF-590

Yahoo group: harris-radio
Date: 2012-06-22 19:06:22 UTC
From: Chris and Symon Kennedy
Topic: 1115 Message: 1117

Thanks Jim, I'll contact you off-group - Symon

I am using the Free version of SPAMfighter <http://www.spamfighter.com/len>
.
SPAMfighter has removed 214 of my spam emails to date.

Do you have a slow PC? <http://www.spamfighter.com/SLOW-PCfighter?cid=sigen>
Try free scan!

[Non-text portions of this message have been removed]

1118. Harris RF-5031PA-125W

Yahoo group: harris-radio
Date: 2012-06-24 22:06:22 UTC
From: W2HX
Topic: 1118 Message: 1118

Hi there. Anyone have a spare 125W amp for the 5020/5022 exciter? Please contact me off list at w2hx-at-w2hx-dot-com let me know how much you are asking.
Looking for sources other than the professional surplus dealers.

thanks

73 Eugene W2HX

[Non-text portions of this message have been removed]

1119. Re: Harris 1960-3006 longwire adapter

Yahoo group: harris-radio
Date: 2012-06-24 22:10:46 UTC
From: Ed - K7EFL / AFA0AH
Topic: 405 Message: 1119

Looking through the message archives I only found one discussion on the "long-wire adapter" p/n 1960-3006. I'm curious if anybody has more information on the specs for them. I am in the exploratory stage of putting out a random wire antenna. There is a decent support for the distant end roughly 400 feet from the station where my CU-2397 would be located.

K7EFL/AFA0AH

--- In harris-radio@yahoogroups.com, Doug Smith <doug.w7kf@...> wrote:
>
> --- On Sun, 8/16/09, Berndt Josef Wulf <wulf@...> wrote:
> > doesn anyone know the internals of this adapter, or perhaps even better know
> > its purpose?
>
> I don't have the Harris docs with me (traveling) but I believe that the long wire adapter is nothing more than a series capacitor. Probably 100 pf or so and, most likely, a ceramic (high voltage) doorknob capacitor. It is used to shorten the electrical length of an attached long wire antenna.
>
> However, you can certainly *try* tuning up with any length wire without the adapter. It is "required" to meet the established specification of matching at any frequency from 1.6 to 30 MHz. Your long wire may match fine without the "long wire adapter" on the frequencies of interest to you..
>
> 73,
> -Doug, W7KF
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

1120. Re: Harris 1960-3006 longwire adapter

Yahoo group: harris-radio
Date: 2012-06-25 13:04:42 UTC
From: Mark
Topic: 405 Message: 1120

Harris P/N 1960-3006 Long wire adapter is
CAP 100PF 10% 5.0KV CER
connected in series with the antenna, at the coupler

Mark

--- In harris-radio@yahoogroups.com, "Ed - K7EFL / AFA0AH" <ed.leavitt@...> wrote:
>
> Looking through the message archives I only found one discussion on the "long-wire adapter" p/n 1960-3006. I'm curious if anybody has more information on the specs for them. I am in the exploratory stage of putting out a random wire antenna. There is a decent support for the distant end roughly 400 feet from the station where my CU-2397 would be located.
>
> K7EFL/AFA0AH
>
> --- In harris-radio@yahoogroups.com, Doug Smith <doug.w7kf@> wrote:
> >
> > --- On Sun, 8/16/09, Berndt Josef Wulf <wulf@> wrote:
> > > doesn anyone know the internals of this adapter, or perhaps even better know
> > > its purpose?
> >
> > I don't have the Harris docs with me (traveling) but I believe that the long wire adapter is nothing more than a series capacitor. Probably 100 pf or so and, most likely, a ceramic (high voltage) doorknob capacitor. It is used to shorten the electrical length of an attached long wire antenna.
> >
> > However, you can certainly *try* tuning up with any length wire without the adapter. It is "required" to meet the established specification of matching at any frequency from 1.6 to 30 MHz. Your long wire may match fine without the "long wire adapter" on the frequencies of interest to you..
> >
> > 73,
> > -Doug, W7KF
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

1121. Re: [harris-radio] Re: Harris 1960-3006 longwire adapter

Yahoo group: harris-radio
Date: 2012-06-25 15:28:29 UTC
From: ed.leavitt@JUNO.COM
Topic: 405 Message: 1121

Thanks Mark,

That's good news. It took a little digging but I appear to have caps
that fit the description to a tee. The markings omit the voltage but
everything else seems to match examples I find on line that were
manufactured by CRL and are referred to as 5KV.

****
Edmund Leavitt
K7EFL / AFA0AH
****

On Mon, 25 Jun 2012 13:04:42 -0000 "Mark" <seastar@...>
writes:
>
>
> Harris P/N 1960-3006 Long wire adapter is
> CAP 100PF 10% 5.0KV CER
> connected in series with the antenna, at the coupler
>
> Mark

_____
5 Diet Pills that Work
2012's Top 5 Weight Loss Pills. Updated Consumer Ratings. Free Report.
http://thirdpartyoffers.juno.com/TGL3141/4fe8852f5a341a8c546st04vuc

1122. Re: Harris 1960-3006 longwire adapter

Yahoo group: harris-radio
Date: 2012-06-25 16:12:46 UTC
From: Ronald
Topic: 405 Message: 1122

Without getting out my manuals I believe 75' is the long wire spec. However, I have 260' on mine and it tunes well 160 to 20. Any frequency above those bands, it is touch and go. But, I also discovered if I put radials on the ground rod below the pole where the tuner is, it tunes 100%. The radials laying on the ground add some "C" and it likes it.

--- In harris-radio@yahoogroups.com, "Ed - K7EFL / AFA0AH" <ed.leavitt@...> wrote:
>
> Looking through the message archives I only found one discussion on the "long-wire adapter" p/n 1960-3006. I'm curious if anybody has more information on the specs for them. I am in the exploratory stage of putting out a random wire antenna. There is a decent support for the distant end roughly 400 feet from the station where my CU-2397 would be located.
>
> K7EFL/AFA0AH
>
> --- In harris-radio@yahoogroups.com, Doug Smith <doug.w7kf@> wrote:
> >
> > --- On Sun, 8/16/09, Berndt Josef Wulf <wulf@> wrote:
> > > doesn anyone know the internals of this adapter, or perhaps even better know
> > > its purpose?
> >
> > I don't have the Harris docs with me (traveling) but I believe that the long wire adapter is nothing more than a series capacitor. Probably 100 pf or so and, most likely, a ceramic (high voltage) doorknob capacitor. It is used to shorten the electrical length of an attached long wire antenna.
> >
> > However, you can certainly *try* tuning up with any length wire without the adapter. It is "required" to meet the established specification of matching at any frequency from 1.6 to 30 MHz. Your long wire may match fine without the "long wire adapter" on the frequencies of interest to you..
> >
> > 73,
> > -Doug, W7KF
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

1123. Re: [harris-radio] Re: Harris 1960-3006 longwire adapter

Yahoo group: harris-radio
Date: 2012-06-25 17:13:21 UTC
From: ed.leavitt@JUNO.COM
Topic: 405 Message: 1123

Thanks Ronald,

My CU-2397 manual calls out 75 feet as you mentioned as the longest end fed wire they recommend without the added 100PF capacitor. Elsewhere in their manual Harris recommends avoiding whip antenna lengths longer than 5/8 wave at the highest freq planned. Sounds to me like the standard warnings against trying to end feed an 'exact' half wave length (or multiples).

I've also got a CU-2310 available. Its manual depicts it with 75 to 150 feet of wire. That coupler apparently has two different tuning cycles, one of which will switch in the additional capacitance internally for whip versus longer wires. The setup procedure allows the user to select which tune cycle it runs first of the two choices available. That makes me think the CU-2310 is the better choice if I wind up running hundreds of feet or wire.

****
Edmund Leavitt
K7EFL / AFA0AH
****

On Mon, 25 Jun 2012 16:12:46 -0000 "Ronald" <rl.boltz@...>
writes:
> Without getting out my manuals I believe 75' is the long wire spec.
> However, I have 260' on mine and it tunes well 160 to 20. Any
> frequency above those bands, it is touch and go. But, I also
> discovered if I put radials on the ground rod below the pole where
> the tuner is, it tunes 100%. The radials laying on the ground add
> some "C" and it likes it.
>

---
53 Year Old Mom Looks 33
The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
http://thirdpartyoffers.juno.com/TGL3141/4fe89cb73a4a71cb626b5st51vuc

1124. Re: [harris-radio] Re: Harris 1960-3006 longwire adapter

Yahoo group: harris-radio
Date: 2012-06-25 18:00:12 UTC
From: Doug Smith
Topic: 405 Message: 1124

The 5/8 wavelength issue is that a vertical that is longer than 5/8 WL has a very high radiation angle. So, a 32 foot tall vertical would be very ineffective on say 10 meters. At 28 mHz most of the radiated RF would be going up at a high angle, would penetrate the ionosphere and not be reflecting back to earth. So, for deciding the height of a vertical whip one chooses a height that is no more than 5/8 W/L at the highest frequency of operation.

At the other end, once an antenna gets shorter than a 1/4 W/L it starts to loose efficiency pretty fast.

A 27 foot vertical is a bit short on 40 meters (about 0.2 W/L) and 5/8 W/L on 15 meters. Connected to a good ground system with a bunch of radials and fed with a good Harris coupler a 27 foot vertical makes a great 40 through 15 meter antenna. It wouldn't do so well on 80 (too inefficient) or on 10 (high angle)..

And, as a bonus, 27' is not a horrible load for the coupler. As Edmund points out feeding a half wave or multiple can result in pretty high voltage across the coupler.

And, at the other end of the spectrum, feeding 500 watts into a really short vertical can lead to excessive current through the coupler. I used to run a full gallon into a 27' whip on 160 meters! Of course, that required an RF-601 to handle the huge current flowing out of the coupler -- the radiation resistance was probably an ohm or two at best.

I've used some fairly long Inverted-L antennas with the Harris couplers and had excellent results. The longest was about 160 feet in total length, most of it horizontal. The RF-382A matched it everywhere without the "long wire adapter" with the exception of a few narrow ranges (about 5 kHz wide) on 160 meters. The RF-351 matched it everywhere on 160 meters but fell apart above 21 mHz. Again, that was without the long wire adapter.

Anyway, sorry to have rambled. I say, put up your antenna and try it on the frequencies you want to use. Might just work without any fooling around with the long wire adapter. OTOH, it might work more efficiently (less inductor used) *with* the long wire adapter. ;-)

73,
Doug, W7KF
http://www.w7kf.com

On 06/25/2012 11:13 AM, ed.leavitt@... wrote:
> Thanks Ronald,
>

> My CU-2397 manual calls out 75 feet as you mentioned as the longest end
> fed wire they recommend without the added 100PF capacitor. Elsewhere
> in their manual Harris recommends avoiding whip antenna lengths longer
> than 5/8 wave at the highest freq planned. Sounds to me like the
> standard warnings against trying to end feed an 'exact' half wave length
> (or multiples).
>
> I've also got a CU-2310 available. Its manual depicts it with 75 to 150
> feet of wire. That coupler apparently has two different tuning cycles,
> one of which will switch in the additional capacitance internally for
> whip versus longer wires. The setup procedure allows the user to select
> which tune cycle it runs first of the two choices available. That makes
> me think the CU-2310 is the better choice if I wind up running hundreds
> of feet or wire.
>
> **********
> Edmund Leavitt
> K7EFL / AFA0AH
> **********
>
> On Mon, 25 Jun 2012 16:12:46 -0000 "Ronald" <rl.boltz@...
> <mailto:rl.boltz%40mhsdesign.com>>
> writes:
> > Without getting out my manuals I believe 75' is the long wire spec.
> > However, I have 260' on mine and it tunes well 160 to 20. Any
> > frequency above those bands, it is touch and go. But, I also
> > discovered if I put radials on the ground rod below the pole where
> > the tuner is, it tunes 100%. The radials laying on the ground add
> > some "C" and it likes it.
> >

1125. CU-2397/G

Yahoo group: harris-radio
Date: 2012-06-26 16:54:31 UTC
From: Joseph Pinner
Topic: 1125 Message: 1125

I have a CU-2397/G coupler.

I have both a URC-119 and RF-5022ER/T with 125W amp.

I would like to use the coupler with my RF5022.

Is the CU2397/G equivalent to the RF-382A.

Joseph Pinner +
Kingston, TN
KC5IJD / NNN0PHR

[Non-text portions of this message have been removed]

1126. Re: [harris-radio] CU-2397/G

Yahoo group: harris-radio
Date: 2012-06-26 19:10:49 UTC
From: ed.leavitt@juno.com
Topic: 1125 Message: 1126

I see a number of instances on the internet that ID them as the same. None of those I found however are from http://rf.harris.com I just pulled up Harris's flyer athttp://rf.harris.com/media/RF-382%20Series%20_tcm26-9103.pdfand the first thing to catch my eye is the tune from memory time listed for the RF-382 is "less than 200 msec". My book for the CU-2397 lists 25msec. Additionally the -382 brochure says " A high voltage ceramic insulator provides the connection to the antenna. It is also equipped with a 50-ohm N-connector
antenna port for coaxial connection to a fixed site broadband or resonant antenna." My -2397 has no second output. So based on that I would suggest that they are similar but not identical.

_____
53 Year Old Mom Looks 33
The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
http://thirdpartyoffers.juno.com/TGL3141/4fea099a6383099a2df6st53vuc

[Non-text portions of this message have been removed]

1127. RE: [harris-radio] CU-2397/G

Yahoo group: harris-radio
Date: 2012-06-26 19:48:50 UTC
From: W2HX
Topic: 1125 Message: 1127

The additional 50 ohm output was option A15 on the RF-382. The 382 will tune in 25 msec when the frequency and LC values have been stored in memory (ie you've been there before). This is from some manuals I have that include the specifications of the RF-382 (PRC-138 and RF-5000 systems) otherwise 200 msec to do a full tune. That is my understanding anyway. Don't know anything about the CU-2397/G. At one time I had 4 RF-382s 3 with the 50 ohm N connector and 1 without. BTW: 50 ohm coax connector does not mean it must be connected to a tuned dipole, that connection gets tuned by the tuner too.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of ed.leavitt@...
Sent: Tuesday, June 26, 2012 3:11 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] CU-2397/G

I see a number of instances on the internet that ID them as the same. None of those I found however are from http://rf.harris.com I just pulled up Harris's flyer athttp://rf.harris.com/media/RF-382%20Series%20_tcm26-9103.pdfand the first thing to catch my eye is the tune from memory time listed for the RF-382 is "less than 200 msec". My book for the CU-2397 lists 25msec. Additionally the -382 brochure says " A high voltage ceramic insulator provides the connection to the antenna. It is also equipped with a 50-ohm N-connector
antenna port for coaxial connection to a fixed site broadband or resonant antenna." My -2397 has no second output. So based on that I would suggest that they are similar but not identical.

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1128. Re: CU-2397/G

Yahoo group: harris-radio
Date: 2012-06-26 19:16:05 UTC
From: Mark
Topic: 1125 Message: 1128

Early RF-382s only had the ceramic output; later versions added the type-'N' 50-ohm connector. with the exception of the switching circuit for the 2nd connector, they are essentially the same coupler (with a memory tune time of around 200 msec)

--- In harris-radio@yahoogroups.com, "ed.leavitt@..." <ed.leavitt@...> wrote:
>
> I see a number of instances on the internet that ID them as the same. None of those I found however are from http://rf.harris.com I just pulled up Harris's flyer athttp://rf.harris.com/media/RF-382%20Series%20_tcm26-9103.pdfand the first thing to catch my eye is the tune from memory time listed for the RF-382 is "less than 200 msec". My book for the CU-2397 lists 25msec. Additionally the -382 brochure says " A high voltage ceramic insulator provides the connection to the antenna. It is also equipped with a 50-ohm N-connector
> antenna port for coaxial connection to a fixed site broadband or resonant antenna." My -2397 has no second output. So based on that I would suggest that they are similar but not identical.
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> http://thirdpartyoffers.juno.com/TGL3141/4fea099a6383099a2df6st53vuc
>
> [Non-text portions of this message have been removed]
>

1129. Comparing whip bases for PRC-119 and PRC-138

Yahoo group: harris-radio
Date: 2012-06-20 02:48:09 UTC
From: W2HX
Topic: 1129 Message: 1129

Hi all,

You may recall a month or two ago, I was looking for a panel mount antenna connector receptacle found on the RT-1439/PRC-119 as well as several other models of milpack. Here is a picture of what I was looking for:
http://www.w2hx.com/x/PRC-119/AntConnector/IMG_0381.JPG

Well I found one. But then my investigation went further. I recently acquired a PRC-138 and I confirmed that the receptacle on the RT-1439 is absolutely identical to the -138 in every dimension. Along with the -138 I acquired many accessories including the "correct" Harris whip antenna adapter. This adapter connects to the panel mount receptacle and then uses the AB-591 flexible adapter for further use with an AT-271. Photos here:
http://www.w2hx.com/x/SpringBase/IMG_0619.JPG
http://www.w2hx.com/x/SpringBase/IMG_0620.JPG

But what I discovered is that the geometry of these two whip bases is quite different even though they are designed to plug into the same receptacle. Here are some differences:

1. The PRC-138 whip base has no provisions to accommodate the two protruding BNC bayonet "bits" (that is the technical term). However, the PRC-119 whip base has two slots to accommodate these two "bits". Photo: http://www.w2hx.com/x/SpringBase/IMG_0612.JPG
2. The PRC-138 whip base BNC part extends a bit further beyond the base than that of the PRC-119. Photo: http://www.w2hx.com/x/SpringBase/IMG_0613.JPG
3. Most interesting of all: the bnc pin sits way further down below the BNC "ridge" on the PRC-138 than does the PRC-119. From the BNC ridge (where the slots exist for the bnc "bits" on the 119) to the top of the pin: PRC-119 is 3.26mm (approx. using a depth gauge) depth to the pin on the PRC-138 is 7.51mm! That is a very big difference! Very strange.
4. Overall, the PRC-138 base adapter is, in my opinion, much less robust than that of the PRC-119

Now a few things come to mind.
1. Mine might be defective. I have heard from a Harris engineer that this antenna arrangement was seemed to cause issues in the field causing a lot of antennas to have poor connections. Perhaps the setback of the pins were easily compromised if mishandled? Perhaps mine is like that?
2. You may be able to see in the photos above, that the PRC-138 adapter's bnc ridge (for lack of the correct term) is definitely out of round. But it is much thinner than the slotted ridge of the -119. So it is thinner making it more easily damaged and again, perhaps mine was abused.

Well, just my observations on a topic likely to draw some yawns! I would be interested to hear from anyone else with an original Harris whip adapter who could measure the depth from the ridge to the pin to for comparisons (to see if mine is shot) or supposed to be that way.

Regards all

73 Eugene W2HX
PS this email was posted to the following lists that might be interested in this:
Harris-radio@yahoogroups.com
harris@...
armyradios@yahoogroups.com
milpack@yahoogroups.com

1130. Re: [harris-radio] CU-2397/G

Yahoo group: harris-radio
Date: 2012-06-28 03:25:23 UTC
From: ed.leavitt@JUNO.COM
Topic: 1125 Message: 1130

I cannot speak to past versions but the current Harris literature I cited in a previous e-mail says that for the RF-382:

"200 ms tuning from memory based on prior tuneup.
Initial tune time on new frequency typically less than
3 seconds (8 seconds maximum)"

My August '87 manual for the CU-2397 specs "Tuning Time: 25 msec from memory based on prior tuneup of typically less than 1 second (4 seconds maximum)."

The reason primary I suspect this faster tuning might be important for some users is for ALE systems where a faster recall tuning would allow higher scanning speeds. Harris mentions in its features "Low probability of intercept (LPI) during tuning". I doubt the Russkies would geolocate me in either 8 seconds or 4 seconds so that seems like a non-factor.

****
Edmund Leavitt
K7EFL / AFA0AH
****

On Tue, 26 Jun 2012 12:48:50 -0700 "W2HX" <w2hx@...> writes:
> The additional 50 ohm output was option A15 on the RF-382. The 382
> will tune in 25 msec when the frequency and LC values have been
> stored in memory (ie you've been there before). This is from some
> manuals I have that include the specifications of the RF-382
> (PRC-138 and RF-5000 systems) otherwise 200 msec to do a full tune.
> That is my understanding anyway. Don't know anything about the
> CU-2397/G. At one time I had 4 RF-382s 3 with the 50 ohm N
> connector and 1 without. BTW: 50 ohm coax connector does not mean it
> must be connected to a tuned dipole, that connection gets tuned by
> the tuner too.
>
>
> 73 Eugene W2HX
>

Woman is 53 But Looks 25
Mom reveals 1 simple wrinkle trick that has angered doctors...
http://thirdpartyoffers.juno.com/TGL3141/4febcf02d78abb96115st03vuc

1131. Re: [harris-radio] CU-2397/G

Yahoo group: harris-radio
Date: 2012-06-27 00:46:35 UTC
From: ed.leavitt@JUNO.COM
Topic: 1125 Message: 1131

I cannot speak to past versions but the current Harris literature I cited in a previous e-mail says that for the RF-382:

"200 ms tuning from memory based on prior tuneup.
Initial tune time on new frequency typically less than
3 seconds (8 seconds maximum)"

My August '87 manual for the CU-2397 specs "Tuning Time: 25 msec from memory based on prior tuneup of typically less than 1 second (4 seconds maximum)."

The reason primary I suspect this faster tuning might be important for some users is for ALE systems where a faster recall tuning would allow higher scanning speeds. Harris mentions in its features "Low probability of intercept (LPI) during tuning". I doubt the Russkies would geolocate me in either 8 seconds or 4 seconds so that seems like a non-factor.

****
Edmund Leavitt
K7EFL / AFA0AH
****

On Tue, 26 Jun 2012 12:48:50 -0700 "W2HX" <w2hx@...> writes:
> The additional 50 ohm output was option A15 on the RF-382. The 382
> will tune in 25 msec when the frequency and LC values have been
> stored in memory (ie you've been there before). This is from some
> manuals I have that include the specifications of the RF-382
> (PRC-138 and RF-5000 systems) otherwise 200 msec to do a full tune.
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> CU-2397/G. At one time I had 4 RF-382s 3 with the 50 ohm N
> connector and 1 without. BTW: 50 ohm coax connector does not mean it
> must be connected to a tuned dipole, that connection gets tuned by
> the tuner too.
>
>
> 73 Eugene W2HX
>

---
53 Year Old Mom Looks 33
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http://thirdpartyoffers.juno.com/TGL3141/4fea5840f379758407a33st52vuc

1132. RE: [harris-radio] PRC-138 HF vs VHF Antenna operation?

Yahoo group: harris-radio
Date: 2012-06-21 16:54:13 UTC
From: Richard Johnson
Topic: 1112 Message: 1132

We do this with the PRC150 because the tape antenna is easier to deal with and carry than the At271.
Rich Johnson
KI6EZA

To: milpack@yahoogroups.com; harris-radio@yahoogroups.com
From: w2hx@...
Date: Thu, 21 Jun 2012 09:42:39 -0700
Subject: [harris-radio] PRC-138 HF vs VHF Antenna operation?

Hi there. I once saw the operator of a PRC-138 switch antennas from the AT-271 to a tape antenna AT-892 when switching to 6 meters from HF use. Is this necessary? I looked at the PRC-138 operators manual and could find nothing on this. The only thing I found was the specification page about the built in tuner that said: 8, 10, 16 ft whips 1.6 to 60 MHz which makes me think there is no need to change antennas. Could there be any benefit of changing even though it might not be required?

thanks

73 Eugene W2HX

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1133. RE: Comparing whip bases for PRC-119 and PRC-138

Yahoo group: harris-radio
Date: 2012-06-28 13:04:41 UTC
From: W2HX
Topic: 1129 Message: 1133

Sorry for this, as you can see I sent this email on June 19th. I have no idea why yahoo took so long before it sent it out to the group. Many of you have already seen this message on other forums. Again, sorry but I don't know what yahoo is doing. Of course, my apology may take several days too, so I don't know how effective it will be!

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of W2HX
Sent: Tuesday, June 19, 2012 10:48 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Comparing whip bases for PRC-119 and PRC-138

Hi all,

You may recall a month or two ago, I was looking for a panel mount antenna connector receptacle found on the RT-1439/PRC-119 as well as several other models of milpack. Here is a picture of what I was looking for: .....<snip>

[Non-text portions of this message have been removed]

1134. Re: [harris-radio] CU-2397/G

Yahoo group: harris-radio
Date: 2012-06-29 15:32:08 UTC
From: Joseph Pinner
Topic: 1125 Message: 1134

Thanks to all who replied to my request for help!

Appreciate it so much.

Joseph Pinner +
Kingston, TN
KC5IJD / NNN0PHR

1135. RF-3200ET display

Yahoo group: harris-radio
Date: 2012-07-08 03:16:14 UTC
From: Peter Filozof
Topic: 1135 Message: 1135

Hello group. I have a 3200ET with LCD display that worked fine at last power-up. Now multiple sections of the display are intermittent, or missing. The radio itself functions just fine. Is this common, and where should I begin troubleshooting?

Thanks, Peter N4REC

1136. Re: [harris-radio] RF-3200ET display

Yahoo group: harris-radio
Date: 2012-07-08 03:59:29 UTC
From: kt4hr@windstream.net
Topic: 1136 Message: 1136

Sounds like dirty contacts on the display

Sent via the HTC Vivid™, an AT&T 4G LTE smartphone

----- Reply message -----
From: "Peter Filozof" <filozof@...>
To: <harris-radio@yahoogroups.com>
Subject: [harris-radio] RF-3200ET display
Date: Sat, Jul 7, 2012 11:16 pm
Hello group. I have a 3200ET with LCD display that worked fine at last power-up. Now multiple sections of the display are intermittent, or missing. The radio itself functions just fine. Is this common, and where should I begin troubleshooting?

Thanks, Peter N4REC

[Non-text portions of this message have been removed]

1137. Re: RF-3200ET display

Yahoo group: harris-radio
Date: 2012-07-08 16:07:28 UTC
From: Peter Filozof
Topic: 1136 Message: 1137

My thoughts exactly! But when I got the radio apart, I realized there was no way I was going to get even near the display, at least not in MY lifetime! Of note, when I firmly press the squelch button, the missing segments reappear. Takes quite a push, however, and the problem recurs when I let go. Anybody know how to get one of these apart? Seems like I just need to get access to the front panel board, but that's easier said than done.

Thanks a million,
Peter

--- In harris-radio@yahoogroups.com, "kt4hr@windstream.net" <kt4hr@...> wrote:
>
> Sounds like dirty contacts on the display
>
> Sent via the HTC Vividâ□¢, an AT&T 4G LTE smartphone
>
> ----- Reply message -----
> From: "Peter Filozof" <filozof@...>
> To: <harris-radio@yahoogroups.com>
> Subject: [harris-radio] RF-3200ET display
> Date: Sat, Jul 7, 2012 11:16 pm
> Hello group. I have a 3200ET with LCD display that worked fine at last power-up. Now multiple sections of the display are intermittent, or missing. The radio itself functions just fine. Is this common, and where should I begin troubleshooting?
>
>
>
> Thanks, Peter N4REC
>
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

1138. RE: [harris-radio] RF-3200ET display

Yahoo group: harris-radio
Date: 2012-07-08 16:23:45 UTC
From: Roger Waldmiller
Topic: 1135 Message: 1138

Hi Peter:

The LCD will probably need replacing.

Contact me at waldrgr@...

I can be of assistance.

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Peter Filozof
Sent: Saturday, July 07, 2012 11:16 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-3200ET display

Hello group. I have a 3200ET with LCD display that worked fine at last power-up. Now multiple sections of the display are intermittent, or missing. The radio itself functions just fine. Is this common, and where should I begin troubleshooting?

Thanks, Peter N4REC

[Non-text portions of this message have been removed]

1139. Re: [harris-radio] Re: RF-3200ET display

Yahoo group: harris-radio
Date: 2012-07-08 16:36:34 UTC
From: Chance Wolf
Topic: 1136 Message: 1139

Unfortunately there’s no ‘quick fix’ for LCD displays in that predicament. While I’ve never disassembled a 3200, most LCD displays are composed of the LCD panel, a top and bottom rubber vertically-conductive strip (called ‘zebrastripe’), and a metal or plastic ‘cage’ assembly which clamps the lot of it to the circuit board, thereby insuring firm contact between the zebrastripe and the LCD at the upper end, and the zebrastripe and copper circuit board pads at the lower end.

When LCD equipped units get jarred, sometimes the LCD will work itself loose just enough to interrupt one of or more of the contacts, leaving you with missing segments. *Normally* the zebrastripe stays nicely stuck to the LCD panel itself and comes adrift at the lower end where it touches the copper pads. Over time those copper pads can simply oxidize too, of course, but most of the time I’ve come across the problem it’s been through some sort of gravity misadventure Sometimes the bent tangs/ tabs on the metal type LCD ‘cage’ start to lose their grip over time, but moreso the plastic variety which either distort with heat, or lose one or more of the snaps/tabs clipping them to the board through the actions of heat and age. (The good ones are screwed down instead, and sometimes it’s just that those screws have worked loose.)

The real trick is that once you’ve got everything disassembled and cleaned (use something that leaves absolutely zero residue) – you have to try and realign it all and re-cage it to the board and make sure all your segments are working before further reassembly (because you don’t want to be going through *this* again anytime soon.) It’s a lot of fun. I’ve come across one or two I just could never get to work properly again because they’re seriously *that* fussy about residue/contaminants.

From: Peter Filozof
Sent: Sunday, July 08, 2012 9:07 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-3200ET display

My thoughts exactly! But when I got the radio apart, I realized there was no way I was going to get even near the display, at least not in MY lifetime! Of note, when I firmly press the squelch button, the missing segments reappear. Takes quite a push, however, and the problem recurs when I let go. Anybody know how to get one of these apart? Seems like I just need to get access to the front panel board, but that's easier said than done.

Thanks a million,
Peter

[Non-text portions of this message have been removed]

1140. Mackay 8050A with a Harris RF-382A coupler?

Yahoo group: harris-radio
Date: 2012-07-09 02:41:41 UTC
From: W2HX
Topic: 1140 Message: 1140

Hi there. Anyone ever interface a Mackay 8050A (or similar) transceiver to a Harris RF-382A antenna coupler? I have an extra coupler and was thinking how I might use it with the 8050A. Looking at the inputs/outputs it appears possible to do. It might require some interface box between them, but they both basically support the idea of tune->request-power->success/fault.

Thought I would put a note out to see if anyone successfully did this and I could borrow some knowledge on the idea

73 Eugene W2HX

[Non-text portions of this message have been removed]

1141. Re: [harris-radio] Comparing whip bases for PRC- 119 and PRC-138

Yahoo group: harris-radio
Date: 2012-07-09 12:01:51 UTC
From: kt4hr@windstream.net
Topic: 1141 Message: 1141

Where do you fine the whip adapter for your prc 138

Sent via the HTC Vivid™, an AT&T 4G LTE smartphone

[Non-text portions of this message have been removed]

1142. RE: [harris-radio] Comparing whip bases for PRC-119 and PRC-138

Yahoo group: harris-radio
Date: 2012-07-09 12:40:15 UTC
From: W2HX
Topic: 1141 Message: 1142

Sorry, it came with the radio when I purchased it

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of kt4hr@...
Sent: Monday, July 09, 2012 8:02 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Comparing whip bases for PRC-119 and PRC-138

Where do you fine the whip adapter for your prc 138

Sent via the HTC Vivid™, an AT&T 4G LTE smartphone

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1143. RE: [harris-radio] Re: RF-3200ET display

Yahoo group: harris-radio
Date: 2012-07-10 13:09:08 UTC
From: Roger Waldmiller
Topic: 1136 Message: 1143

Hello chancewolf and Peter:

You are correct in all that you say about the3200E LCD BUT it is replaceable and can be done .

Cleanlyness is important of the glass and contacts.

I have done many many of these thru the years on the 3200E's

If the zebrastrips and lcd cannot be reused , then new replacements are needed.

For more infor on the LCD , contact me . directly E mail

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Chance Wolf
Sent: Sunday, July 08, 2012 12:37 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: RF-3200ET display

Unfortunately there's no 'quick fix' for LCD displays in that predicament. While I've never disassembled a 3200, most LCD displays are composed of the LCD panel, a top and bottom rubber vertically-conductive strip (called 'zebrastripe'), and a metal or plastic 'cage' assembly which clamps the lot of it to the circuit board, thereby insuring firm contact between the zebrastripe and the LCD at the upper end, and the zebrastripe and copper circuit board pads at the lower end.

When LCD equipped units get jarred, sometimes the LCD will work itself loose just enough to interrupt one of or more of the contacts, leaving you with missing segments. *Normally* the zebrastripe stays nicely stuck to the LCD panel itself and comes adrift at the lower end where it touches the copper pads. Over time those copper pads can simply oxidize too, of course, but most of the time I've come across the problem it's been through some sort of gravity misadventure Sometimes the bent tangs/ tabs on the metal type LCD 'cage' start to lose their grip over time, but moreso the plastic variety which either distort with heat,

or lose one or more of the snaps/tabs clipping them to the board through the actions of heat and age. (The good ones are screwed down instead, and sometimes it’s just that those screws have worked loose.)

The real trick is that once you’ve got everything disassembled and cleaned (use something that leaves absolutely zero residue) – you have to try and realign it all and re-cage it to the board and make sure all your segments are working before further reassembly (because you don’t want to be going through *this* again anytime soon.) It’s a lot of fun. I’ve come across one or two I just could never get to work properly again because they’re seriously *that* fussy about residue/contaminants.

From: Peter Filozof
Sent: Sunday, July 08, 2012 9:07 AM
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Subject: [harris-radio] Re: RF-3200ET display

My thoughts exactly! But when I got the radio apart, I realized there was no way I was going to get even near the display, at least not in MY lifetime! Of note, when I firmly press the squelch button, the missing segments reappear. Takes quite a push, however, and the problem recurs when I let go. Anybody know how to get one of these apart? Seems like I just need to get access to the front panel board, but that's easier said than done.

Thanks a million,
Peter

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1144. LCD displays and zebrastrips

Yahoo group: harris-radio
Date: 2012-07-10 15:15:56 UTC
From: Tisha Hayes
Topic: 1144 Message: 1144

With the zebra-strips it is important to understand how they work. They are essentially a piece of synthetic rubber with alternating bands of high carbon content conductive rubber. They can be cleaned quite successfully but there are things that you can do to them that will make them permanently useless.

Never ever stretch them. The spacing between the stripes is critical. Also you can interrupt the connection across the strip. Clean them gently with a cotton swab and a little bit of alcohol (for the strip, applied externally <smile>). Do not try to rub off the black areas. Sometimes I swear it is almost as if they are painted on.

Remove them gently, not by peeling as this stretches them. They will stick a little bit (a good thing). A drop or two of alcohol on a swab will just wet the rubber edge to let the adhesion go.

Clean the gold contacts on the board and the LCD module with a cotton swab wet with alcohol. Those surfaces need to be shiny and perfect.

If there is a tensioning issue try to resolve that before reassembly. Many of the LCD frames have little spring fingers that press against the glass to apply pressure and squeeze the zebra-strip into a solid connection at both sides. Usually I give the tensioner fingers a little twang to make them press a bit more solidly on the glass.

Use a magnifying lens to make sure that the zebra-strip is lined up perfectly with the gold contacts on both devices.

Sometimes you can cheat and flip or rotate or swap the two zebra-strips around if there is a dead LCD segment and put the problem conductive area on an unused tab.

Across the industry, the tab spacing is pretty much standard. You may find an el-cheapo LCD alarm clock that still uses them and you can salvage a strip out of something else. Sometimes the heights may be different or they will come in different lengths.

One time I had a single dead display segment and found where the surface of the strip looked cracked (from stretching) and out of desperation I used a high power magnifying glass and a very small needle, wetted with a solvent based silver bearing paint and made a "silver band" instead of a black band. It actually worked. You have to be careful that it does not short across the insulating areas and onto another black band.

I have seen some LCD displays that are mounted on larger circuit boards where there is just so much flex in the PCB that pressing a membrane keypad causes a display segment to go dead (or to come alive).

---- ALSO -----

If you have a membrane keypad that you can actually get inside of it is very much the same setup. A blob of black conductive elastomer (rubber) that shorts across two gold tabs. Sometimes the gold surfaces may be half-moon shapes with a tiny gap or zig-zag traces. What they have in common with the LCD display is that the rubber membrane has a black dot of conductive material.

In cleaning any of these magical conductive rubber materials use nothing any stronger than rubbing alcohol and a cotton swab. On a membrane display you are pretty much out of luck if the rubber membrane has lost it's tension and will not rebound to an open position.

If you have ever had a button that double clicks or an entire keyboard that does that you need to understand how the logic circuit works that interfaces to the keypad. It is a series of crossing scan lines on the X and Y axis and there are digital pulses that determine what button is pushed by a slight change in the digital pulse stream. Sometimes you can add a debounce circuit (simple little RC circuit) to make the logic chip see one pulse instead of two (meaning a double press). That would need to be done on each scan line and you need an oscilloscope, some knowledge of TTL logic and what is a logical 1 or 0 and the scan rate of the chip. These chips usually have some sort of free running oscillator (an external RC circuit) to generate the scanning rate, you may be able to change that by adding a bit of capacitance to make it a little slower (and less sensitive).

All that chip wants to do is to take these X-Y crossing lines and make them into a digital "word" on a 4,8 or 16 bit bus (depending how big the keypad area is you may see a 2x2, 4x4, 4x8, 8x8 or any other combination of X and Y scan lines). That chip then uses an external clock to synchronously scan the information onto a CPU bus. If the scan rate is controlled by the clock rate than changing the RC value of the free running oscillator will not work as there will not be one. In that case, only an integrator circuit will work (google search on Maxim Application Note 287).

I used to design test gear that had LCD displays and membrane keypads
Almost every trick I described I have used to solve a design problem or to come up with a repair scheme for an old test-set that had a mushy keyboard.

--
Ms. Tisha Hayes/ AA4HA
- Invisible airwaves crackle with life, bright antennae bristle with the energy.
Emotional feedback on a timeless wavelength.
Bearing a gift beyond price, almost free.
Rush, 2112

[Non-text portions of this message have been removed]

1145. RE: [harris-radio] LCD displays and zebrastrips

Yahoo group: harris-radio
Date: 2012-07-10 15:54:22 UTC
From: Roger Waldmiller
Topic: 1144 Message: 1145

Hi Tisha:

THANK You for all that information .
These strips can be a pain but thru being carful and with cleaning and patience , replacing the LCD and or the strips in the 3200e can be done.

I have done it many time since the 32E's were introduced and there was a mockup fixture in which to test all the segments.

However It can be done with the units them selves.

As a technician I have developed a procedure that works fairly well. Many times success on the 1st try , then others that took many more attempts..

To those of you that have 3200E's with LCD problems , THEY CAN BE FIXED..

Roger

Roger w

waldrgr@...

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Tisha Hayes
Sent: Tuesday, July 10, 2012 11:16 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] LCD displays and zebrastrips

With the zebra-strips it is important to understand how they work. They are essentially a piece of synthetic rubber with alternating bands of high carbon content conductive rubber. They can be cleaned quite successfully but there are things that you can do to them that will make them permanently useless.

Never ever stretch them. The spacing between the stripes is critical. Also you can interrupt the connection across the strip. Clean them gently with a cotton swab and a little bit of alcohol (for the strip, applied externally <smile>). Do not try to rub off the black areas. Sometimes I swear it is almost as if they are painted on.

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Use a magnifying lens to make sure that the zebra-strip is lined up perfectly with the gold contacts on both devices.

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Across the industry, the tab spacing is pretty much standard. You may find an el-cheapo LCD alarm clock that still uses them and you can salvage a strip out of something else. Sometimes the heights may be different or they will come in different lengths.

One time I had a single dead display segment and found where the surface of the strip looked cracked (from stretching) and out of desperation I used a high power magnifying glass and a very small needle, wetted with a solvent based silver bearing paint and made a "silver band" instead of a black band. It actually worked. You have to be careful that it does not short across the insulating areas and onto another black band.

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---- ALSO -----

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In cleaning any of these magical conductive rubber materials use nothing any stronger than rubbing alcohol and a cotton swab. On a membrane display you are pretty much out of luck if the rubber membrane has lost it's tension and will not rebound to an open position.

If you have ever had a button that double clicks or an entire keyboard that does that you need to understand how the logic circuit works that interfaces to the keypad. It is a series of crossing scan lines on the X and Y axis and there are digital pulses that determine what button is pushed by a slight change in the digital pulse stream. Sometimes you can add a debounce circuit (simple little RC circuit) to make the logic chip see one pulse instead of two (meaning a double press). That would need to be done on each scan line and you need an oscilloscope, some knowledge of

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I used to design test gear that had LCD displays and membrane keypads Almost every trick I described I have used to solve a design problem or to come up with a repair scheme for an old test-set that had a mushy keyboard.

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Rush, 2112

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1146. Re: [harris-radio] LCD displays and zebrastrips (and buttons)

Yahoo group: harris-radio
Date: 2012-07-10 16:11:43 UTC
From: Chance Wolf
Topic: 1144 Message: 1146

When I worked in cellular phone service, we had a plague of failed NEC 9A model keypads which would only dial digits intermittently. Keypad structure was a rubber sheet with the numeral graphics on top, and a silicone rubber sub-sheet which contained the raised contact 'dots' which were painted with a conductive material as you mention in your post. NEC's position was that the conductive portion of the keypad rubber sheets had just worn out prematurely through extreme service, but you could tell from the wear on the other sheet – the one you actually hit with your fingers – whether the phone was a high miler or not, and most of these weren't. To underscore the problem I sent NEC a conductive keypad portion that still worked perfectly and the top rubber sheet associated with it – one that had so much wear on it that the number legends were barely visible – yet the keypad still worked fine. The second example I sent was one from a low miles phone which would only dial three digits.

The majority of the failed conductive rubber keypads had a slimy substance present upon disassembly which we couldn't explain, but which seemed to contribute to keypad failure. When the NEC engineers got back to me, they took the position that strong user perfume or aftershave or other chemical environment was actually beginning to chemically break down the rubber which made up the contact sheet, which then created the slimy compound which in turn made keyboard contacts intermittent and increased wear of the contact material itself. (Some Motorola 8000-series models were similarly affected.)

On some older product we could no longer get keypad parts for, I successfully salvaged good contact pads from older or different model keypads and grafted them on to the keypads in for repair (typically using silicone as the adhesive.) Never had one come back. One temporary fix for customers with replacement parts on order was to just paint "rear-window defogger repair" conductive paint on the affected contacts which would restore conductivity for awhile, but would generally start flaking off thanks to adhesion and flexing issues.

The 'membrane' plastic blister-type keyboards were a nightmare. The same 'silver paint' used to repair your rear-window defogger lines appears to have been used in the manufacture of these, and after awhile the constant blister flexing breaks it down, or it breaks down somewhere else in the circuit on the plastic sheet wherever the opportunity to flex is present. Since the entire keyboard circuit is essentially just painted on to a plastic sheet with conductive paint, *any* repetitive flex in an area so treated is bad news and a potential for trouble. The other thing that speeds the failure of these types is any sort of moisture or chemical contamination. Spill a drop of Coca-Cola on any of this exposed silver paint and it will soon turn black and start to corrode. Some of them I've temporarily repaired with more of that silver defogger repair paint, but as Tisha says – if any failure at all occurs in the 'blister bubble' itself – that's it. Game over. At least one of the manufacturers tried to mitigate the problem of the 'blister' failure by retaining the silver-paint printed lower contact, but making the top contact a shaped, microthin piece of some material like stainless etc. which was then formed into (hopefully) permanent concave shape. At rest, the metal piece made no contact, but when pressed it would flex down and contact the silver-painted lower portion, then return to its natural concave shape. Yeahwell...the metal portion of the button assy rapidly sped the wear of the

silver-painted circuit beneath it, and after a few miles would lose its at-rest concave shape and stay permanently in ‘activated’ mode. Inclever.

From: Tisha Hayes
Sent: Tuesday, July 10, 2012 8:15 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] LCD displays and zebrastrips

If you have a membrane keypad that you can actually get inside of it is very much the same setup. A blob of black conductive elastomer (rubber) that shorts across two gold tabs. Sometimes the gold surfaces may be half-moon shapes with a tiny gap or zig-zag traces. What they have in common with the LCD display is that the rubber membrane has a black dot of conductive material.

In cleaning any of these magical conductive rubber materials use nothing any stronger than rubbing alcohol and a cotton swab. On a membrane display you are pretty much out of luck if the rubber membrane has lost it's tension and will not rebound to an open position.

[Non-text portions of this message have been removed]

1147. R-2368 help

Yahoo group: harris-radio
Date: 2012-07-10 18:47:26 UTC
From: vk5abc
Topic: 1147 Message: 1147

Hello All

Some time ago I enquired about the G1 shaft encoder used in the R-2368 receiver. I can only conclude that either no has had one fail, or that they can't be fixed, or no one knows where there are any spares. mine is intermittent.I would like to fix it, but don't know where to start.
BTW I did enquire with fair radio and they didn't have any.
Please folks I really could do with some help.

73's Lee.

1148. RE: [harris-radio] R-2368 help

Yahoo group: harris-radio
Date: 2012-07-10 19:27:14 UTC
From: W2HX
Topic: 1147 Message: 1148

If I were a betting man, I might suggest that the encoder may be ok. Instead, it might be a going-bad tantalum cap feeding the counter circuits (or whatever the encoder interface is to the CPU). Not much in an encoder to go bad other than a bad bulb (or led) and maybe dirt. You might want to open it up, blow it out and check the bulb/led. But I would guess that the bulb/led would just die, not be intermittent. But check any caps in the circuit feeding the bulb/led or in the photodetector circuit ....just some ideas

Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of vk5abc
Sent: Tuesday, July 10, 2012 2:47 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] R-2368 help

Hello All

Some time ago I enquired about the G1 shaft encoder used in the R-2368 receiver. I can only conclude that either no has had one fail, or that they can't be fixed, or no one knows where there are any spares. mine is intermittent.I would like to fix it, but don't know where to start.
BTW I did enquire with fair radio and they didn't have any.
Please folks I really could do with some help.

73's Lee.

[Non-text portions of this message have been removed]

1149. Re: R-2368 help

Yahoo group: harris-radio
Date: 2012-07-10 20:15:39 UTC
From: Stuart
Topic: 1147 Message: 1149

I do not know if this will help but it might. I have a Harris RF350K transciever with the matching RF-355 500W amplifier. Some time ago the amplifier
started to intermittently fault out while changing frequency. I discovered the signal from the shaft encoder was intermittent. I got the manufacturers name
and part number from the encoder and did a google search. I found I could buy one for $75. Instead I opened the encoder up and found it consisted of a
small circuit board with two pairs of led/detectors. I found a part number one one of the led/detector pairs and was able to purchase two pairs from digikey
for a few bucks. The encoder has been working fine for the last year.

Stuart
N5LBZ

[Non-text portions of this message have been removed]

1150. RE: [harris-radio] Re: R-2368 help

Yahoo group: harris-radio
Date: 2012-07-10 20:22:03 UTC
From: W2HX
Topic: 1147 Message: 1150

One other suggestion. Last visit to fair radio they had a bunch of these radios and several parts units. They might sell you an encoder if all else fails

73 Eugene W2HX

-----Original Message-----
From: Stuart [n5lbz@...t]
Received: Tuesday, 10 Jul 2012, 4:16pm
To: harris-radio@yahoogroups.com [harris-radio@yahoogroups.com]
Subject: [harris-radio] Re: R-2368 help

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N5LBZ

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1151. Re: RF-3200ET display

Yahoo group: harris-radio
Date: 2012-07-11 13:43:23 UTC
From: Peter Filozof
Topic: 1136 Message: 1151

Thanks, Roger! I'll email you directly about that display on the 3200ET. I'm hesitant to get it torn apart, as I'm sure you understand, especially given that as the unit warms up the display returns to normal.

Is there any validity to the low mike gain issue? I'd like to attach a boom mike, dynamic or electret, to my 3200, and 3200ET. Thoughts?

Peter

--- In harris-radio@yahoogroups.com, "Roger Waldmiller" <waldrgr@...> wrote:
>
> Hello chancewolf and Peter:
>
> You are correct in all that you say about the3200E LCD BUT it is replaceable and can be done .
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> Cleanlyness is important of the glass and contacts.
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> I have done many many of these thru the years on the 3200Eâ□□s
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> If the zebrastrips and lcd cannot be reused , then new replacements are needed.
>
>
>
> For more infor on the LCD , contact me . directly E mail
>
> Regards
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> Roger
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> Roger w
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> waldrgr@...
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> k4alphapapa
>
> 3200 ,2000,3230,
>
> 5000, 138, 3201
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> Rochester NY USA
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> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Chance Wolf
> Sent: Sunday, July 08, 2012 12:37 PM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] Re: RF-3200ET display
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>
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>
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> When LCD equipped units get jarred, sometimes the LCD will work itself loose just enough to interrupt one of or more of the contacts, leaving you with missing segments. *Normally* the zebrastripe stays nicely stuck to the LCD panel itself and comes adrift at the lower end where it touches the copper pads. Over time those copper pads can simply oxidize too, of course, but most of the time Iâ□□ve come across the problem itâ□□s been through some sort of gravity misadventure Sometimes the bent tangs/ tabs on the metal type LCD â□□cageâ□□ start to lose their grip over time, but moreso the plastic variety which either distort with heat, or lose one or more of the snaps/tabs clipping them to the board through the actions of heat and age. (The good ones are screwed down instead, and sometimes itâ□□s just that those screws have worked loose.)
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> The real trick is that once youâ□□ve got everything disassembled and cleaned (use something that leaves absolutely zero residue) â□" you have to try and realign it all and re-cage it to the board and make sure all your segments are working before further reassembly (because you donâ□□t want to be going through *this* again anytime soon.) Itâ□□s a lot of fun. Iâ□□ve come across one or two I just could never get to work properly again because theyâ□□re seriously *that* fussy about residue/contaminants.
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> From: Peter Filozof
> Sent: Sunday, July 08, 2012 9:07 AM
> To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
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> My thoughts exactly! But when I got the radio apart, I realized there was no way I was going to get even near the display, at least not in MY lifetime! Of note, when I firmly press the squelch button, the missing segments reappear. Takes quite a push, however, and the problem recurs when I let go. Anybody know how to get one of these apart? Seems like I just need to get access to the front panel board, but that's easier said than done.
>
> Thanks a million,
> Peter
>

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1152. Problem with Tyco PRM distributive

Yahoo group: harris-radio
Date: 2012-07-12 15:44:37 UTC
From: just_a_radio_guy
Topic: 1152 Message: 1152

Hi all!

I am looking for Tyco RPM distributive - version from v1 to v5 (but not ProGrammer or PRM greater than v5). Just distributive, not a license (I do have valid one). Please contact with me to help solve my issue. I wll leave no stone unturned. Thanks!

1153. Looking for an RF-3200ET

Yahoo group: harris-radio
Date: 2012-07-14 17:07:09 UTC
From: nsnsnp
Topic: 1153 Message: 1153

Hi, we live in Belize and I would love to purchase a RF-3200ET.
When I worked for American Airlines in the 80s we purchased a couple for emergencies and I loved them.

If there is anyone out there that knows where I could pick one up I would greatly appreciate it. Can't very well get to the hamfests as we only get to the states once every couple of years, but if there is one to buy I will make a special trip.
thanks,

WA0VZV / V31ZV

1154. RF-530A Manual Needed

Yahoo group: harris-radio
Date: 2012-07-17 02:11:55 UTC
From: nu6x
Topic: 1154 Message: 1154

I recently purchased a RF-530A receiver but USPS lost the second box which contained the manual.

Can anybody help me???

Thanks Mark NU6X Sedona, AZ

1155. RF-1310

Yahoo group: harris-radio
Date: 2012-07-17 17:51:00 UTC
From: vk5abc
Topic: 1155 Message: 1155

Hello Everyone

Has anyone here managed to interface RF-1310 exciter with non Harris amplifier?

73's Lee.

1156. Re: [harris-radio] RF-1310

Yahoo group: harris-radio
Date: 2012-07-17 21:25:42 UTC
From: Berndt Josef Wulf
Topic: 1155 Message: 1156

G'day Lee,

yes, I've used the RF-1310 as an exciter for the AWA ATS-1 transmitter, which requires a 0dBm signal input. To do this, set one of the DIP switch configuration options of the RF-1310 to "signal generator" mode.

73, Berndt
VK5ABN

On Tue, 2012-07-17 at 17:51 +0000, vk5abc wrote:
> Hello Everyone
>
> Has anyone here managed to interface RF-1310 exciter with non Harris amplifier?
>
> 73's Lee.
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>

1157. RE: [harris-radio] RF-1310

Yahoo group: harris-radio
Date: 2012-07-17 21:46:40 UTC
From: L D Ritta
Topic: 1155 Message: 1157

Hello Berndt

Are you back in Adelaide? I don’t have an rf-110 or an rf-110 amplifier so I was wondering what else I could use.

73’s Lee

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Berndt Josef Wulf
Sent: Wednesday, 18 July 2012 6:56 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF-1310

G'day Lee,

yes, I've used the RF-1310 as an exciter for the AWA ATS-1 transmitter,
which requires a 0dBm signal input. To do this, set one of the DIP
switch configuration options of the RF-1310 to "signal generator" mode.

73, Berndt
VK5ABN

On Tue, 2012-07-17 at 17:51 +0000, vk5abc wrote:
> Hello Everyone
>
> Has anyone here managed to interface RF-1310 exciter with non Harris amplifier?
>
> 73's Lee.
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

1158. RF-5022 Service Manual

Yahoo group: harris-radio
Date: 2012-07-18 02:27:47 UTC
From: djinni442
Topic: 1158 Message: 1158

Hi All,

I was wondering if anyone has a source for the RF-5022 service manual. I've seen the one for the 5020, however I am interested in some of the modules which are specific to the 5022.

Also, I'm still on the lookout for anyone who may have an A6 module which can hop, or the A9 LPC DV module.

Thanks!

1159. Programming M7300

Yahoo group: harris-radio
Date: 2012-07-20 04:41:44 UTC
From: Muxlow
Topic: 1159 Message: 1159

hey guys!
Looking for someone who is able to program a M7300/M5300 mobile radio
sent me a PM or email if your able to :)

1160. Re: Harris RF-5022R/T interface to RF-1110D PA

Yahoo group: harris-radio
Date: 2012-07-21 13:37:32 UTC
From: vk5abc
Topic: 751 Message: 1160

Hello Nur
I have written you before, did you work out your interface?

73's Lee.

--- In harris-radio@yahoogroups.com, "nur_serinken" <nserinken@...> wrote:
>
>
> RF-5022R/T exciter connects to the RF-5032 or RF-5034 PA through J6 serial bus connector on the exciter. I have posted a page from the RF-1110D manual showing the RF-5022 connection arrangement to the files directory. That is all the information I have. I contacted Harris and I was told they discontinued software support for this configuration. If I can find out the details of the interface I can spoof both of the devices. I am planning to put a serial protocol analyzer between the RF-5022 and RF-5034 PA, also do the same between RF-5570 exciter and RF-1110 to find out the communication codes.
> Nur
>
> --- In harris-radio@yahoogroups.com, "Mike" <prcradio@> wrote:
> >
> > I believe all keying and filter selection in the RF-5022 is via serial bus, there are no key lines available without going inside the radio and finding one. So far I have not hear of anyone successfully interfacing to the serial bus for this purpose.
> > Mike
> >
> > --- In harris-radio@yahoogroups.com, "Nur" <nserinken@> wrote:
> > >
> > > Hello All,
> > > This is my first posting to this group. I want to interface RF-5022R/T to a RF-1110D power amplifier. My RF-1110D manual has a figure showing that it can be done. I attached the copy of the page from the RF-1110D manual. Does anyone have information about the interface and commands sent and received from the RF-5022 connector J6 and PA J2 connector. The exciter/PA connection must be for key line and selection of output filters of the PA and fault status.
> > >
> > > I am also looking for the remote control ASCII codes and format for the RF-5022.
> > > Thanks Nur
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

1161. RF350/RT1446 Control board

Yahoo group: harris-radio
Date: 2012-07-28 01:12:03 UTC
From: hiroyukis
Topic: 1161 Message: 1161

Hello All, I`m looking for RT350/RT1446 control PWB Assy, A1A12 board.
Power supply will turn on and all of the multi voltage power supply out put is good, But all segments on LCD turn on and all function does not work. I need a replacement control board A1A12. If someone sell spare board, Please let me know.
Thank you

1162. RF-3200ET wanted

Yahoo group: harris-radio
Date: 2012-07-28 14:12:12 UTC
From: nsnsnp
Topic: 1162 Message: 1162

Back in the early 90s when I was in communications at American Airlines we had a couple of these for emergencies, I loved them! We now live in Central America and I would love to have one here for hurricane communications, etc. If someone has a working RF-3200ET that they would like to sell I would love to buy it.

Thanks,

Paul
WA0VZV / V31ZV

1163. Re: [harris-radio] RF350/RT1446 Control board

Yahoo group: harris-radio
Date: 2012-07-28 15:38:26 UTC
From: Stuart
Topic: 1161 Message: 1163

Hello

First are you technically inclined? Do you have any test equipment?. While there are several things on the A12 board that will cause the problem you describe, it could also be a lack of communication with another board. Do you have schematics? They are available on the internet. Since you said the voltages are correct you might check the state of U15 pin 9. It should be a high indicating the CPU is executing. Another check would be look for a pulse train at U33A pin 4. This is RF Data going out to the modules. U33B pin 12 has the RF Clock to the modules. Check these with a scope. There are waveform diagrams in the manual.

If you are not technicially inclined contact me off net at n5lbz@....

Stuart

From: hiroyukis
Sent: Friday, July 27, 2012 8:12 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF350/RT1446 Control board

Hello All, I`m looking for RT350/RT1446 control PWB Assy, A1A12 board.
Power supply will turn on and all of the multi voltage power supply out put is good, But all segments on LCD turn on and all function does not work. I need a replacement control board A1A12. If someone sell spare board, Please let me know.
Thank you

[Non-text portions of this message have been removed]

1164. Re: RF350/RT1446 Control board

Yahoo group: harris-radio
Date: 2012-07-29 09:14:32 UTC
From: hiroyukis
Topic: 1161 Message: 1164

Hello
Thank you very much and immediately reply to my question.

I use an oscilloscope/TEK2465A to see/check the signal of the control board.
If I have a good function be operated spaer board I think that can be compared and timing check of the signals.
But unfortunately I do not have an any spare module or board now.

First I checked power supply systems, I think the multi voltage power supply being supplied to the control board is looks good.
I found in the smell of the electrolyte leakage on power supply has started to occur, However in the early stages the leaking... I think it is a common problem.
So I pay attention/ carefully checked output of the power supply ,it was clean not contain switching noise etc□c

I checked the reset signal generator circuit and watchdog timer circuit.
5.6V Ref and 13.6V Voltage compare reset is works fine and □gGone west□h watchdog timer output U15/9 is not out the reset signal.
But looks good to works the timer has a reason, because 8255PPI port C0 U32/14 is usually output pulse signal to timer reset TR to U15/1, But Port C0 is remain low state not correct the pulse signal the timer reset TR signal.
I think that for the control and instruction of data reading and writing to the register of PPI has not been successfully executed.
Of cause can not transfer data to/from front panel and RF modules data and clock.

Manual reset S1 may looks good, because several times I depress the S1 switch then sometimes address bus return to normal, because
In most cases not correct visible address bus is running to fetch the data or instructions to/from devices.
But sometimes address/data bus is big different to see active the signal.

BTW, I could not to get Intel 8088/5MHz for replacement the cpu, I installed a SIEMENS SAB8088-2-P 8MHz instead of i8088/5MHz, Is this a wrong?

Hiro

--- In harris-radio@yahoogroups.com, "Stuart" <n5lbz@...> wrote:
>
> Hello
>
> First are you technically inclined? Do you have any test equipment?. While there are several things on the A12 board that will cause the problem you describe, it
> could also be a lack of communication with another board. Do you have schematics? They are available on the internet. Since you said the voltages are correct
> you might check the state of U15 pin 9. It should be a high indicating the CPU is executing. Another check would be look for a pulse train at U33A pin 4. This is RF
> Data going out to the modules. U33B pin 12 has the RF Clock to the modules. Check these with a scope. There are waveform diagrams in the manual.

>
> If you are not technicially inclined contact me off net at n5lbz@...
>
> Stuart
>
> From: hiroyukis
> Sent: Friday, July 27, 2012 8:12 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] RF350/RT1446 Control board
>
>
> Hello All, I`m looking for RT350/RT1446 control PWB Assy, A1A12 board.
> Power supply will turn on and all of the multi voltage power supply out put is good, But all segments on LCD turn on and all function does not work. I need a replacement control board A1A12. If someone sell spare board, Please let me know.
> Thank you
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

1165. Harris RF-550 and Seimens E401 FS

Yahoo group: harris-radio
Date: 2012-07-30 20:15:52 UTC
From: John Watkins
Topic: 1165 Message: 1165

Hi All,

I am cleaning house and have both of the above for sale. I would like to get $650 for each + shipping, both are working and have a manual with schematics. Freq range for the E401 is 10Khz to 30Mhz. I do have 3 spare Nixie tubes for the E401, but all that are in it are fine. I believe that Seimens bought Rhode&Schwatrz and this radio is re-badged. Both of these are heavy and it would really be best if they could be picked up. I am in Seguin, Texas 78155.

John WD5ENU

[Non-text portions of this message have been removed]

1166. Harris RF-550, and seimens E401

Yahoo group: harris-radio
Date: 2012-08-01 00:40:11 UTC
From: John Watkins
Topic: 1166 Message: 1166

All,

The radios are sold, thanks for all the interest. I do have some more cleaning to do and will list a few more soon.

thanks,

John WD5ENU

[Non-text portions of this message have been removed]

1167. RF-5032PA-125 info

Yahoo group: harris-radio
Date: 2012-08-02 06:48:24 UTC
From: vk5abc
Topic: 1167 Message: 1167

Hello Everyone

Is there anyone here, that has a RF-5032PA-125, I need a photo of PA stage pcb, btw what is the difference between the rf-5031 and the rf-5032?
Anyone got info for RF-5034PA-400E, maybe a circuit, or internal photos.

73's Lee.

1168. RE: [harris-radio] RF-5032PA-125 info

Yahoo group: harris-radio
Date: 2012-08-02 15:04:17 UTC
From: Roger Waldmiller
Topic: 1167 Message: 1168

Hi Lee;

I may be able to help on this .

Contact me at waldrgr@...

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of vk5abc
Sent: Thursday, August 02, 2012 2:48 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5032PA-125 info

Hello Everyone

Is there anyone here, that has a RF-5032PA-125, I need a photo of PA stage pcb, btw what is the difference between the rf-5031 and the rf-5032?
Anyone got info for RF-5034PA-400E, maybe a circuit, or internal photos.

73's Lee.

[Non-text portions of this message have been removed]

1169. Re: Harris RF-5022R/T interface to RF-1110D PA

Yahoo group: harris-radio
Date: 2012-08-02 17:37:40 UTC
From: vk5abc
Topic: 751 Message: 1169

Hello Nur
Can you email me as I have a question about the rf-5022

73's Lee

--- In harris-radio@yahoogroups.com, "Nur" <nserinken@...> wrote:
>
> Hello All,
> This is my first posting to this group. I want to interface RF-5022R/T to a RF-1110D power amplifier. My RF-1110D manual has a figure showing that it can be done. I attached the copy of the page from the RF-1110D manual. Does anyone have information about the interface and commands sent and received from the RF-5022 connector J6 and PA J2 connector. The exciter/PA connection must be for key line and selection of output filters of the PA and fault status.
>
> I am also looking for the remote control ASCII codes and format for the RF-5022.
> Thanks Nur
>
> [Non-text portions of this message have been removed]
>

1170. RF-3090/PRC117 manual?

Yahoo group: harris-radio
Date: 2012-08-03 17:23:45 UTC
From: Billy Wiggins
Topic: 1170 Message: 1170

I am looking for the OPS or service manual for the Harris RF-3090 or PRC-117. I would like to add them to my collection if my radios decides to take a dump in the future.

Are any PDF files available for this item?

Billy

1171. Re: [harris-radio] RF-3090/PRC117 manual?

Yahoo group: harris-radio
Date: 2012-08-03 17:57:09 UTC
From: Chance Wolf
Topic: 1170 Message: 1171

American-Milspec used to offer the set on CD Rom and may still. I have a copy but I won't be home for a couple of weeks or I'd mail whatever I could.

Sent from my iPhone. Probably because I'm outside wrestling wolves.

On 2012-08-03, at 10:23 AM, Billy Wiggins <wa4gki@...> wrote:

> I am looking for the OPS or service manual for the Harris RF-3090 or
> PRC-117. I would like to add them to my collection if my radios
> decides to take a dump in the future.
>
> Are any PDF files available for this item?
>
> Billy
>
>

[Non-text portions of this message have been removed]

1172. Re: [harris-radio] RF-3090/PRC117 manual?

Yahoo group: harris-radio
Date: 2012-08-03 22:28:07 UTC
From: John Watkins
Topic: 1170 Message: 1172

I have the service manual with schematics, will see if I scanned it. Not at home until Tuesday

John WD5ENU

Sent from my iPad

On Aug 3, 2012, at 12:23, Billy Wiggins <wa4gki@...> wrote:

> I am looking for the OPS or service manual for the Harris RF-3090 or
> PRC-117. I would like to add them to my collection if my radios
> decides to take a dump in the future.
>
> Are any PDF files available for this item?
>
> Billy
>
>
>
> ----------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>

1173. RF-1110A

Yahoo group: harris-radio
Date: 2012-08-05 13:03:47 UTC
From: vk5abc
Topic: 1173 Message: 1173

Hello All

Anyone here got a manual or circuits for the RF-1110A/B/C/D

73's Lee.

1174. Re: RF-3090/PRC117 manual?

Yahoo group: harris-radio
Date: 2012-08-05 20:30:19 UTC
From: Mike
Topic: 1170 Message: 1174

There is one on Epay right now.
Mike

--- In harris-radio@yahoogroups.com, Billy Wiggins <wa4gki@...> wrote:
>
> I am looking for the OPS or service manual for the Harris RF-3090 or
> PRC-117. I would like to add them to my collection if my radios
> decides to take a dump in the future.
>
> Are any PDF files available for this item?
>
> Billy
>

1175. (no subject)

Yahoo group: harris-radio
Date: 2012-08-06 19:48:18 UTC
From: n4tcw@yahoo.com
Topic: 1175 Message: 1175

http://centrosetteponti.it/centro-admin/goog.php?clay72.jpg

[Non-text portions of this message have been removed]

1176. Re: RF-3090/PRC117 manual?

Yahoo group: harris-radio
Date: 2012-08-07 14:57:46 UTC
From: Billy Wiggins
Topic: 1170 Message: 1176

Thanks for the replies, I will work out the details with you if you can come up with a PDF.

1177. rf-1310 help

Yahoo group: harris-radio
Date: 2012-08-11 03:39:27 UTC
From: vk5abc
Topic: 1177 Message: 1177

Hello All

I was looking in the A18A2 supplement for the rf-1310 and it mentioned the I box what is it, and does anyone have a circuit of the I box, maybe a photo. BTW I don't have a complete manual for my rf-1310.

73's Lee.

1178. ALPHA 2000 VHF

Yahoo group: harris-radio
Date: 2012-08-15 21:42:19 UTC
From: kc2leb
Topic: 1178 Message: 1178

Last Call.....
Club has 2 Alpha 2000 VHF set up as repeaters. See other posts in this group.
Make offer.....
www.KC2RA.org for info
Thanks,
Jim / KC2LEB

1179. Harris RF-5022 system cable needed

Yahoo group: harris-radio
Date: 2012-08-20 22:18:54 UTC
From: Joseph Pinner
Topic: 1179 Message: 1179

I am looking for the cable which connects the RF-5031PA-125 amplifier to the RF-382 Coupler. Need at least 25 ft though a longer cable would be preferred.

Appreciate any help that you can offer.

Joseph Pinner +
KC5IJD / NNN0PHR

[Non-text portions of this message have been removed]

1180. RF-294 system?

Yahoo group: harris-radio
Date: 2012-08-26 21:14:59 UTC
From: W2HX
Topic: 1180 Message: 1180

Hi there. I have been reading in my RF-5020 manual about a series of devices and components from Harris that seems to provide intercom capabilities as well as retransmission capabilities. Some part numbers include:

RF-294-10 Retransmission control unit
RF-294A Radio intercom Set
RF-294A-01 Audio Frequency amplifier
10181-9850 Interface Unit RF-204A to RF-5020R/T

Anyone know anything about these items? Do they exist?

Thanks!
Eugene

1181. Rf-5000 J5 connector?

Yahoo group: harris-radio
Date: 2012-08-27 14:08:09 UTC
From: W2HX
Topic: 1181 Message: 1181

Hi there, I've checked the operations and maintenance manuals for my rf-5020 J5 auxiliary connector but could not find any reference to what the ms connector is. Anyone know what plug i would use to mate with this connector? Although i don't own a 5022 it may be the same on that R/T as well.
Thanks !
Eugene

73 Eugene W2HX

[Non-text portions of this message have been removed]

1182. RE: [harris-radio] Rf-5000 J5 connector?

Yahoo group: harris-radio
Date: 2012-08-27 15:51:19 UTC
From: Roger Waldmiller
Topic: 1181 Message: 1182

Hi W2HX

The J5 aux conn on the 5020 is a smaller conn than what is on the 5022.

I know it is smaller as I had to make an adaptr from it to the 5022 aux cable.

I do not have a 5020 manual, although I would surely like to have one for reference.

One possibility is to look for a conn number on the conn itself on the 5020, and use it as a starting point to find its mate.

You might have to remove that PWB rear interface bd from the chassis to get a better view of the conn.

The 5020 has a rear panel pwb of 10181-1850

If you manual has schematics , then the number of pins would be id'd.

The parts list probably gives the Harris part number and which only Harris drawing would give the MS number.

Another possibility is to look in the catalogs , Mouser, Allied etc under AMPHENOEL, AMPS . They give a pin diagram of connectors . Match to the 5020's might start to give you a number.

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of W2HX
Sent: Monday, August 27, 2012 10:08 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Rf-5000 J5 connector?

Hi there, I've checked the operations and maintenance manuals for my rf-5020 J5 auxiliary connector but could not find any reference to what the ms

connector is. Anyone know what plug i would use to mate with this connector?
Although i don't own a 5022 it may be the same on that R/T as well.
Thanks !
Eugene

73 Eugene W2HX

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1183. Re: [harris-radio] Rf-5000 J5 connector?

Yahoo group: harris-radio
Date: 2012-08-28 00:54:28 UTC
From: S C Marrow
Topic: 1181 Message: 1183

Its a Souriau 851 series or Amphenol PT08 series shell size 14-19Pin

Bill Perry has them.

Steve
KM4V
----- Original Message -----
From: Roger Waldmiller
To: harris-radio@yahoogroups.com
Sent: Monday, August 27, 2012 11:51 AM
Subject: RE: [harris-radio] Rf-5000 J5 connector?

Hi W2HX

The J5 aux conn on the 5020 is a smaller conn than what is on the 5022.

I know it is smaller as I had to make an adaptr from it to the 5022 aux cable.

I do not have a 5020 manual, although I would surely like to have one for reference.

One possibility is to look for a conn number on the conn itself on the 5020, and use it as a starting point to find its mate.

You might have to remove that PWB rear interface bd from the chassis to get a better view of the conn.

The 5020 has a rear panel pwb of 10181-1850

If you manual has schematics , then the number of pins would be id'd.

The parts list probably gives the Harris part number and which only Harris drawing would give the MS number.

Another possibility is to look in the catalogs , Mouser, Allied etc under AMPHENOEL, AMPS . They give a pin diagram of connectors . Match to the 5020's might start to give you a number.

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of W2HX
Sent: Monday, August 27, 2012 10:08 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Rf-5000 J5 connector?

Hi there, I've checked the operations and maintenance manuals for my rf-5020 J5 auxiliary connector but could not find any reference to what the ms connector is. Anyone know what plug i would use to mate with this connector? Although i don't own a 5022 it may be the same on that R/T as well.
Thanks !
Eugene

73 Eugene W2HX

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1184. Re: [harris-radio] Rf-5000 J5 connector?

Yahoo group: harris-radio
Date: 2012-08-28 01:03:05 UTC
From: S C Marrow
Topic: 1181 Message: 1184

PS:
its the same cable connector as that the 5032 amplifier uses for the coupler cable....except they have removed some of the pins on the cable plug that mates into the coupler jack.

Steve
----- Original Message -----
From: S C Marrow
To: harris-radio@yahoogroups.com
Sent: Monday, August 27, 2012 8:54 PM
Subject: Re: [harris-radio] Rf-5000 J5 connector?

Its a Souriau 851 series or Amphenol PT08 series shell size 14-19Pin

Bill Perry has them.

Steve
KM4V
----- Original Message -----
From: Roger Waldmiller
To: harris-radio@yahoogroups.com
Sent: Monday, August 27, 2012 11:51 AM
Subject: RE: [harris-radio] Rf-5000 J5 connector?

Hi W2HX

The J5 aux conn on the 5020 is a smaller conn than what is on the 5022.

I know it is smaller as I had to make an adaptr from it to the 5022 aux cable.

I do not have a 5020 manual, although I would surely like to have one for reference.

One possibility is to look for a conn number on the conn itself on the 5020, and use it as a starting point to find its mate.

You might have to remove that PWB rear interface bd from the chassis to get a better view of the conn.

The 5020 has a rear panel pwb of 10181-1850

If you manual has schematics , then the number of pins would be id'd.

The parts list probably gives the Harris part number and which only Harris drawing would give the MS number.

Another possibility is to look in the catalogs , Mouser, Allied etc under AMPHENOEL, AMPS . They give a pin diagram of connectors . Match to the 5020's might start to give you a number.

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of W2HX
Sent: Monday, August 27, 2012 10:08 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Rf-5000 J5 connector?

Hi there, I've checked the operations and maintenance manuals for my rf-5020 J5 auxiliary connector but could not find any reference to what the ms connector is. Anyone know what plug i would use to mate with this connector? Although i don't own a 5022 it may be the same on that R/T as well.
Thanks !
Eugene

73 Eugene W2HX

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1185. Replacement part

Yahoo group: harris-radio
Date: 2012-08-28 03:51:32 UTC
From: MANUEL H CORTES B
Topic: 1185 Message: 1185

Hi:
I need a PS1 10212-2122 VFD Power Supply for Harris RF3200.
Can it be repaired? PS1 Schematics?
Thanks in advanced for any help or hint
Manuel-hk3des

[Non-text portions of this message have been removed]

1186. RT 138

Yahoo group: harris-radio
Date: 2012-08-20 06:00:24 UTC
From: Stuartjmckinnon@aol.com
Topic: 1186 Message: 1186

Group

Following the recent subject of 138's

I am looking for some interconnecting cables, I am looking for the same style audio plug that the handset has, a cable that has one on either end, preferably 2feet or more, and if there is an additional one at three plus feet that will be a great bonus!

If you can help, or point me in the right direction, that will be good

Cheers all, Thanks in advance

Stuart
G0TBI

[Non-text portions of this message have been removed]

1187. RE: [harris-radio] Replacement part

Yahoo group: harris-radio
Date: 2012-08-28 14:40:57 UTC
From: Roger Waldmiller
Topic: 1185 Message: 1187

Good Morning Manuel HK3DES;

If your display is just dim , it may not be the PS1.

Check or replace the capacitors C19, C20, C21, C22 , all are 47uf, C19,20 are rated at 10v and C21,22 are rated 50v

There is no schematic of the internal unit.

I do have a test information of the PS1 and mfg

If you need more info , contact me E mail

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of MANUEL H CORTES B
Sent: Monday, August 27, 2012 11:52 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Replacement part

Hi:
I need a PS1 10212-2122 VFD Power Supply for Harris RF3200.
Can it be repaired? PS1 Schematics?
Thanks in advanced for any help or hint
Manuel-hk3des

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1188. Re: Rf-5000 J5 connector?

Yahoo group: harris-radio
Date: 2012-08-28 14:54:17 UTC
From: Reefpoint
Topic: 1181 Message: 1188

Hi Eugene,

The mating connector for the RF-5000 J5 Aux connector is a PT06E-14-19P

DigiKey has them in stock for ~$36 each. It's available with solder cup terminals so you don't need a special pin crimping tool.

http://www.digikey.com/product-detail/en/PT06E-14-19P%28SR%29/PT06E-14-19P%28SR%29-ND/341031

DigiKey part number PT06E-14-19P(SR)-ND

[Non-text portions of this message have been removed]

1189. RE: [harris-radio] RT 138

Yahoo group: harris-radio
Date: 2012-08-28 14:58:34 UTC
From: Roger Waldmiller
Topic: 1186 Message: 1189

Hello:

The conn that mates to the J1 audio on the 138 is a U-229/U or equivalent .
also GC-329

It is a 6 conductor , the cable is shielded.

Harris's # is a 10497-5035 12 in , t6here are many many numbers and lengths
for this conn/ca .

Probably best to find conn and make it .

You can also use a 5 pin version of this conn. .

138 J1 conn are;

A..GND

B..RX HANDSET AUDIO OUT

C..PTT/FILLRTS

D..MIC TX AUDIO

E..RETRANS KEY/FIL CLK

F..FILL DATA

This from a 1995 manual .

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of Stuartjmckinnon@...
Sent: Monday, August 20, 2012 2:00 AM
To: harris-radio@yahoogroups.com

Subject: [harris-radio] RT 138

Group

Following the recent subject of 138's

I am looking for some interconnecting cables, I am looking for the same style
audio plug that the handset has, a cable that has one on either end, preferably
2feet or more, and if there is an additional one at three plus feet that will be
a great bonus!

If you can help, or point me in the right direction, that will be good

Cheers all, Thanks in advance

Stuart
G0TBI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1190. Re: [harris-radio] RT 138

Yahoo group: harris-radio
Date: 2012-08-28 15:13:51 UTC
From: Chance Wolf
Topic: 1186 Message: 1190

So...the PRC-138 *does* support retrans? Is there any documentation on this? I went through the manual cursorily last night and couldn’t find any reference to the ability.

From: Roger Waldmiller
Sent: Tuesday, August 28, 2012 7:58 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RT 138

Hello:

The conn that mates to the J1 audio on the 138 is a U-229/U or equivalent .
also GC-329

It is a 6 conductor , the cable is shielded.

Harris's # is a 10497-5035 12 in , t6here are many many numbers and lengths
for this conn/ca .

Probably best to find conn and make it .

You can also use a 5 pin version of this conn. .

138 J1 conn are;

A..GND

B..RX HANDSET AUDIO OUT

C..PTT/FILLRTS

D..MIC TX AUDIO

E..RETRANS KEY/FIL CLK

F..FILL DATA

This from a 1995 manual .

Regards

Roger

Roger w

[Non-text portions of this message have been removed]

1191. RE: [harris-radio] RT 138

Yahoo group: harris-radio
Date: 2012-08-28 15:41:23 UTC
From: Roger Waldmiller
Topic: 1186 Message: 1191

Hi:

I do not remember any doc that had info on RETRANS.

To me and RETRANS ment 2ea 138’s connected with duplex Freq’s to act as a repeater to extend range or even connect to other freq bands. The 5000 series unit could do the same . I suppose any 2 duplex capable unit would do it . The cable involved was a basic rx audio to tx audio and tx audio to rx audio . Ptt would key the tx audio transmitter , how I am not sure, if it was a function of the rx unit or an external interface in the cable..

Roger

K4alphapapa

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Chance Wolf
Sent: Tuesday, August 28, 2012 11:14 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RT 138

So...the PRC-138 *does* support retrans? Is there any documentation on this? I went through the manual cursorily last night and couldn’t find any reference to the ability.

From: Roger Waldmiller
Sent: Tuesday, August 28, 2012 7:58 AM
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Subject: RE: [harris-radio] RT 138

Hello:

The conn that mates to the J1 audio on the 138 is a U-229/U or equivalent .
also GC-329

It is a 6 conductor , the cable is shielded.

Harris's # is a 10497-5035 12 in , t6here are many many numbers and lengths
for this conn/ca .

Probably best to find conn and make it .

You can also use a 5 pin version of this conn. .

138 J1 conn are;

A..GND

B..RX HANDSET AUDIO OUT

C..PTT/FILLRTS

D..MIC TX AUDIO

E..RETRANS KEY/FIL CLK

F..FILL DATA

This from a 1995 manual .

Regards

Roger

Roger w

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1192. Re: [harris-radio] RT 138

Yahoo group: harris-radio
Date: 2012-08-28 17:30:25 UTC
From: kt4hr@windstream.net
Topic: 1192 Message: 1192

You have a switch that says retrans and you need the retrans cable .which has the tx and the rx audio crossed

Sent via the HTC Vivid™, an AT&T 4G LTE smartphone

[Non-text portions of this message have been removed]

1193. RE: [harris-radio] RT 138

Yahoo group: harris-radio
Date: 2012-08-28 17:54:06 UTC
From: Richard Johnson
Topic: 1186 Message: 1193

There is a difference between duplex, (tx on one freq and Rx on another freq)
Full Duplex, (tx and rx on two different freqs at the same time, usually requiring two Rts);
And Retrans (one radio recieves and is linked to another radio that retransmitts the auio or data on another freq)

Prc-77s etc, RT524s and prc-104(GRC-215) and GRC-193s are capable of doing this with the Vic 1 intercom and retrans box or the special PRC-77 kit, don't remeber the nomencature.

Sincgars has a retrans setting on its switch, I believe the PRC138 can retrans as well as the PRC-117 and the 150.
I have done a retrans from a 524 and GRC-193 just to try it out.
Rich Johnson
KI6EZA

To: harris-radio@yahoogroups.com
From: waldrgr@...
Date: Tue, 28 Aug 2012 11:41:23 -0400
Subject: RE: [harris-radio] RT 138

Hi:

I do not remember any doc that had info on RETRANS.

To me and RETRANS ment 2ea 138?s connected with duplex Freq?s to act as a repeater to extend range or even connect to other freq bands. The 5000 series unit could do the same . I suppose any 2 duplex capable unit would do it . The cable involved was a basic rx audio to tx audio and tx audio to rx audio . Ptt would key the tx audio transmitter , how I am not sure, if it was a function of the rx unit or an external interface in the cable..

Roger

K4alphapapa

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Chance Wolf

Sent: Tuesday, August 28, 2012 11:14 AM

To: harris-radio@yahoogroups.com

Subject: Re: [harris-radio] RT 138

So...the PRC-138 *does* support retrans? Is there any documentation on this? I went through the manual cursorily last night and couldn?t find any reference to the ability.

From: Roger Waldmiller

Sent: Tuesday, August 28, 2012 7:58 AM

To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>

Subject: RE: [harris-radio] RT 138

Hello:

The conn that mates to the J1 audio on the 138 is a U-229/U or equivalent .

also GC-329

It is a 6 conductor , the cable is shielded.

Harris's # is a 10497-5035 12 in , t6here are many many numbers and lengths

for this conn/ca .

Probably best to find conn and make it .

You can also use a 5 pin version of this conn. .

138 J1 conn are;

A..GND

B..RX HANDSET AUDIO OUT

C..PTT/FILLRTS

D..MIC TX AUDIO

E..RETRANS KEY/FIL CLK

F..FILL DATA

This from a 1995 manual .

Regards

Roger

Roger w

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[Non-text portions of this message have been removed]

1194. Re: [harris-radio] RT 138

Yahoo group: harris-radio
Date: 2012-08-28 21:26:42 UTC
From: Chance Wolf
Topic: 1192 Message: 1194

The PRC-138 has a switch that says ‘RETRANS’? Hmm. Just checked a bunch of front panel photographs and it must be a menu option or something, as the front panel rotary switch gives you only OFF, SSB, HOP, ALE, RMT, TEST and ZERO but no RETRANS (and ‘RMT’ stands for Remote for the Data connection.)

From: kt4hr@...
Sent: Tuesday, August 28, 2012 10:30 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RT 138

You have a switch that says retrans and you need the retrans cable .which has the tx and the rx audio crossed

Sent via the HTC Vivid™, an AT&T 4G LTE smartphone

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1195. RE: [harris-radio] RT 138

Yahoo group: harris-radio
Date: 2012-08-28 21:59:33 UTC
From: Richard Johnson
Topic: 1192 Message: 1195

Nah, sorry not the switch, that's on sincgars. I believe the 138 have it under the opt menu. I'd have to go back through mine and find it. I'm pretty sure it has it burried in there somewhere. That's what the squelch is for, once a signal breaks the squelch is for on hf it will trigger the other attached rt. And then a double U229 cable connects them up via handset plugs.
I don't have my menus memorized so I might come out with egg on my face but pretty sure its in there somewhere. Once you program channels and stuff, you really don't access the menus much after that.
Rich Johnson

To: harris-radio@yahoogroups.com
From: chancewolf@...
Date: Tue, 28 Aug 2012 14:26:42 -0700
Subject: Re: [harris-radio] RT 138

The PRC-138 has a switch that says ?RETRANS?? Hmm. Just checked a bunch of front panel photographs and it must be a menu option or something, as the front panel rotary switch gives you only OFF, SSB, HOP, ALE, RMT, TEST and ZERO but no RETRANS (and ?RMT? stands for Remote for the Data connection.)

From: kt4hr@...

Sent: Tuesday, August 28, 2012 10:30 AM

To: harris-radio@yahoogroups.com

Subject: Re: [harris-radio] RT 138

You have a switch that says retrans and you need the retrans cable .which has the tx and the rx audio crossed

Sent via the HTC Vivid?, an AT&T 4G LTE smartphone

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1196. RE: [harris-radio] PRC-138 retrans

Yahoo group: harris-radio
Date: 2012-08-28 22:32:36 UTC
From: W2HX
Topic: 1196 Message: 1196

As far as I can tell, the 138 (PRC, not RT as the previous email subjects stated) does not support retransmit. Mostly because I reviewed all of the pins on all external connectors and could not find any keyline outputs that would be required to key another device. However, the RF-5020 has on the auxiliary connector J5, a signal called "Retransmit Keyline Output" which sounds pretty good to me! I haven't tested to see when it keys (grounded) whether it only keys when squelch is used and broken or some other way.

Here is a website I found with the pinouts. See J5 first batch of J5 connections

http://dev.n8it.org/acs/radios/RF-5000%20Pinouts.html

73 Eugene W2HX

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Richard Johnson
Sent: Tuesday, August 28, 2012 6:00 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RT 138

Nah, sorry not the switch, that's on sincgars. I believe the 138 have it under the opt menu. I'd have to go back through mine and find it. I'm pretty sure it has it burried in there somewhere. That's what the squelch is for, once a signal breaks the squelch is for on hf it will trigger the other attached rt. And then a double U229 cable connects them up via handset plugs.
I don't have my menus memorized so I might come out with egg on my face but pretty sure its in there somewhere. Once you program channels and stuff, you really don't access the menus much after that.
Rich Johnson

To: harris-radio@yahoogroups.com
From: chancewolf@...
Date: Tue, 28 Aug 2012 14:26:42 -0700
Subject: Re: [harris-radio] RT 138

The PRC-138 has a switch that says 'RETRANS'? Hmm. Just checked a bunch of front panel photographs and it must be a menu option or something, as the front panel rotary switch gives you only OFF, SSB, HOP, ALE, RMT, TEST and ZERO but no RETRANS (and 'RMT' stands for Remote for the Data connection.)

From: kt4hr@...

Sent: Tuesday, August 28, 2012 10:30 AM

To: harris-radio@yahoogroups.com

Subject: Re: [harris-radio] RT 138

You have a switch that says retrans and you need the retrans cable .which has the tx and the rx audio crossed

Sent via the HTC Vivid(tm), an AT&T 4G LTE smartphone

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This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

1197. RE: [harris-radio] Re: Rf-5000 J5 connector?

Yahoo group: harris-radio
Date: 2012-08-28 23:12:40 UTC
From: W2HX
Topic: 1181 Message: 1197

Thanks Reefpoint! Thanks to your information, I also found one at allied $26 ea!

http://www.alliedelec.com/search/productdetail.aspx?SKU=70143442#tab=specs

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Reefpoint
Sent: Tuesday, August 28, 2012 10:54 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Rf-5000 J5 connector?

Hi Eugene,

The mating connector for the RF-5000 J5 Aux connector is a PT06E-14-19P

DigiKey has them in stock for ~$36 each. It's available with solder cup terminals so you don't need a special pin crimping tool.

http://www.digikey.com/product-detail/en/PT06E-14-19P%28SR%29/PT06E-14-19P%28SR%29-ND/341031

DigiKey part number PT06E-14-19P(SR)-ND

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1198. RE: [harris-radio] PRC-138 retrans

Yahoo group: harris-radio
Date: 2012-08-28 23:23:02 UTC
From: W2HX
Topic: 1196 Message: 1198

I stand corrected! Roger is correct. J1-E says "Retransmit Keyline Output or fill clock output" Now to see what it does! Thanks Roger, Dunno how I overlooked that first time around.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of W2HX
Sent: Tuesday, August 28, 2012 6:33 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] PRC-138 retrans

As far as I can tell, the 138 (PRC, not RT as the previous email subjects stated) does not support retransmit. Mostly because I reviewed all of the pins on all external connectors and could not find any keyline outputs that would be required to key another device. However, the RF-5020 has on the auxiliary connector J5, a signal called "Retransmit Keyline Output" which sounds pretty good to me! I haven't tested to see when it keys (grounded) whether it only keys when squelch is used and broken or some other way.

Here is a website I found with the pinouts. See J5 first batch of J5 connections

http://dev.n8it.org/acs/radios/RF-5000%20Pinouts.html

73 Eugene W2HX

[Non-text portions of this message have been removed]

1199. RE: [harris-radio] PRC-138 retrans

Yahoo group: harris-radio
Date: 2012-08-29 04:10:20 UTC
From: Richard Johnson
Topic: 1196 Message: 1199

Ran through my PRC-138 menus.
Program button
CFIG
Radio
Retrans- Enable

Its there.
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

To: harris-radio@yahoogroups.com
From: w2hx@...
Date: Tue, 28 Aug 2012 16:23:02 -0700
Subject: RE: [harris-radio] PRC-138 retrans

I stand corrected! Roger is correct. J1-E says "Retransmit Keyline Output or fill clock output" Now to see what it does! Thanks Roger, Dunno how I overlooked that first time around.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of W2HX
Sent: Tuesday, August 28, 2012 6:33 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] PRC-138 retrans

As far as I can tell, the 138 (PRC, not RT as the previous email subjects stated) does not support retransmit. Mostly because I reviewed all of the pins on all external connectors and could not find any keyline outputs that would be required to key another device. However, the RF-5020 has on the auxiliary connector J5, a signal called "Retransmit Keyline Output" which sounds pretty good to me! I haven't tested to see when it keys (grounded) whether it only keys when squelch is used and broken or some other way.

Here is a website I found with the pinouts. See J5 first batch of J5 connections

http://dev.n8it.org/acs/radios/RF-5000%20Pinouts.html

73 Eugene W2HX

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[Non-text portions of this message have been removed]

1200. Harris RF-5000 or 5200 VIC-1 Participation?

Yahoo group: harris-radio
Date: 2012-08-29 18:46:09 UTC
From: W2HX
Topic: 1200 Message: 1200

Hi there. Anyone know/have information about how/if a RF-5000 or 5200 (PRC-138) can interface with the VIC-1 system? Some way to create a cable that ultimately ends up with the 18 pin standard VIC-1 connector?

Do such cables exist or must they be made from scratch. If so, anyone have a diagram outlining how to do this either with a 5020 or PRC-138? This retransmit rabbit hole gets deeper!

73 Eugene W2HX

1201. RE: [harris-radio] RF-294 system?

Yahoo group: harris-radio
Date: 2012-08-30 15:33:27 UTC
From: Roger Waldmiller
Topic: 1180 Message: 1201

Hi Eugene:

Just what the description indicates ..they are intercom units . The mil would use them in tanks , personal carriers etc:

If you google "harris Rf 294 intercoms" pdf under FALCON there are some hits and photos.

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of W2HX
Sent: Sunday, August 26, 2012 5:15 PM
To: harris-radio@yahoogroups.com; harris@...
Subject: [harris-radio] RF-294 system?

Hi there. I have been reading in my RF-5020 manual about a series of devices and components from Harris that seems to provide intercom capabilities as well as retransmission capabilities. Some part numbers include:

RF-294-10 Retransmission control unit
RF-294A Radio intercom Set
RF-294A-01 Audio Frequency amplifier
10181-9850 Interface Unit RF-204A to RF-5020R/T

Anyone know anything about these items? Do they exist?

Thanks!
Eugene

[Non-text portions of this message have been removed]

1202. Prc-320 Group Invite

Yahoo group: harris-radio
Date: 2012-09-03 01:11:39 UTC
From: martin
Topic: 1202 Message: 1202

This is an invite to Join one of the fastest growing and friendly groups on yahoo; it is the Group for the Clansman PRC-320 HF backpack radio. Please follow the link and join our group.

http://groups.yahoo.com/group/prc320/

1203. M7300 options list

Yahoo group: harris-radio
Date: 2012-09-07 14:59:08 UTC
From: Muxlow
Topic: 1203 Message: 1203

Ello
I'm wondering what all the menu options are/do. Is there a document that gives a basic break down of each operation?
And I see when I power up my radio it changes from green to red to orangish. Is there a way to change the backlight colour for the buttons?

And one more thing. What is the burnapp program and this other option for loading different pers via the fc menu?

Thnx a mill to whoever and give me some answers to these :)

1204. RF-201M

Yahoo group: harris-radio
Date: 2012-09-08 17:06:24 UTC
From: Robert Nickels
Topic: 1204 Message: 1204

Looking for docs, parts, power supplies, or fellow owners of the RF-201M - a channelized HF radio made by RF Communications in the 70s, shortly before it was acquired by Harris.

Thanks and 73,

Bob W9RAN

1205. Re: [harris-radio] Digest Number 575

Yahoo group: harris-radio
Date: 2012-09-09 14:07:00 UTC
From: Dennis
Topic: 1205 Message: 1205

I have a complete 201 with the power supply that's excess to my needs. I may have a manual around here some place. Should I bring it to Peoria?

Dennis Starks
Military-Radio-Guy
KBØSFP
HFpack/Milpack Monitor(all USB):
3996, 5357, 7296, 14342.5, 18157.5

>

[Non-text portions of this message have been removed]

1206. PRC-117 battery box

Yahoo group: harris-radio
Date: 2012-09-09 16:28:38 UTC
From: papakb
Topic: 1206 Message: 1206

Does anyone on the list have an extra PRC-117 battery box they'd be willing to let go of? The battery box for the unlettered thru D model is what I'm looking for. This is the one that holds a single 5590 battery although there is one out there that held rechargable batteries that I can rebuild if the cells are shot.

Thanks,

Kurt
KG6KMJ

1207. Help with RF-590 AGC (A5 daughterboard)

Yahoo group: harris-radio
Date: 2012-09-11 18:34:42 UTC
From: commint56
Topic: 1207 Message: 1207

Hey 590 pro's;

My beloved RF590 has given up the ghost on it's AGC. Normally that wouldn't be a problem that I couldn't probably resolve but I've been chopped off at the knees.. My RF-590 manual (10073-0020D - May 1986) covers everything in the receiver but when I get to the A5 section and specifically the A5A2 subassembly it describes a board that is entirely different than the A5A2 in my set. Not sure what I have here, whether it's simply a later revision or whether it is a special assembly. The manuals I've checked all deal with the A5A2 as part number 10073-5451, whereas mine is 10073-5460(-01).

So I'm lacking all the info pertaing to maintenance and troublshooting the assemby.

Has anyone got this board covered in a manual and could provide a .pdf of that section?

Thanks in advance,

Fox

(you'll find me at the RF gain control of my 590)

1208. Re: Help with RF-590 AGC (A5 daughterboard)

Yahoo group: harris-radio
Date: 2012-09-12 14:33:23 UTC
From: driftermick
Topic: 1207 Message: 1208

Fox, for my own info, can you tell me what the receiver is doing? and why you feel it's the AGC? I checked my manuals and I'm also seeing the -5451 part number. If i get some time i will take one out of the rack and look inside. Will be looking for info on this on the web. Please keep the group up to date on this. I get a bit nervous when I read about a 590 failure.

Thanks.
Drifter...

--- In harris-radio@yahoogroups.com, "commint56" <fashen@...> wrote:
>
> Hey 590 pro's;
>
> My beloved RF590 has given up the ghost on it's AGC. Normally that wouldn't be a problem that I couldn't probably resolve but I've been chopped off at the knees.. My RF-590 manual (10073-0020D - May 1986) covers everything in the receiver but when I get to the A5 section and specifically the A5A2 subassembly it describes a board that is entirely different than the A5A2 in my set. Not sure what I have here, whether it's simply a later revision or whether it is a special assembly. The manuals I've checked all deal with the A5A2 as part number 10073-5451, whereas mine is 10073-5460(-01).
>
> So I'm lacking all the info pertaing to maintenance and troublshooting the assemby.
>
> Has anyone got this board covered in a manual and could provide a .pdf of that section?
>
> Thanks in advance,
>
> Fox
>
> (you'll find me at the RF gain control of my 590)
>

1209. Re: Help with RF-590 AGC (A5 daughterboard)

Yahoo group: harris-radio
Date: 2012-09-13 02:39:26 UTC
From: commint56
Topic: 1207 Message: 1209

Hi Drifter, Thanks for your reply! The AGC is simply not responding just as though it was turned off at the front panel. Stronger signals will overload the set unless I manually reduce the RF gain. The AGC action had seemed intermittantly sluggish for a while prior to this complete failure and I wanted to run through the AGC setup as per the manual anyway but now it's gone completely. I have looked for info regarding the 5460 on the Web but so far my searchs have only returned hits on the board not any documentation pertaining to it.

I will be happy to pass on any info I come across and / or any resolve to the problem.

Thanks,

Fox

--- In harris-radio@yahoogroups.com, "driftermick" <driftermick@...> wrote:
>
>
>
>
>
>
> Fox, for my own info, can you tell me what the receiver is doing?
> and why you feel it's the AGC? I checked my manuals and I'm
> also seeing the -5451 part number. If i get some time i will
> take one out of the rack and look inside. Will be looking for
> info on this on the web. Please keep the group up to date on
> this. I get a bit nervous when I read about a 590 failure.
>
> Thanks.
> Drifter...
>
> --- In harris-radio@yahoogroups.com, "commint56" <fashen@> wrote:
> >
> > Hey 590 pro's;
> >
> > My beloved RF590 has given up the ghost on it's AGC. Normally that wouldn't be a problem that I couldn't probably resolve but I've been chopped off at the knees.. My RF-590 manual (10073-0020D - May 1986) covers everything in the receiver but when I get to the A5 section and specifically the A5A2 subassembly it describes a board that is entirely different than the A5A2 in my set. Not sure what I have here, whether it's simply a later revision or whether it is a special assembly. The manuals I've checked all deal with the A5A2 as part number 10073-5451, whereas mine is 10073-5460(-01).
> >
> > So I'm lacking all the info pertaing to maintenance and troublshooting the assemby.
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> > Has anyone got this board covered in a manual and could provide a .pdf of that section?
> >

> > Thanks in advance,
> >
> > Fox
> >
> > (you'll find me at the RF gain control of my 590)
> >
>

1210. Re: Help with RF-590 AGC (A5 daughterboard)

Yahoo group: harris-radio
Date: 2012-09-13 02:53:53 UTC
From: commint56
Topic: 1207 Message: 1210

Hi Drifter, Thanks for your reply! The AGC is simply not responding just as though it was turned off at the front panel. Stronger signals will overload the set unless I manually reduce the RF gain. The AGC action had seemed intermittantly sluggish for a while prior to this complete failure and I wanted to run through the AGC setup as per the manual anyway but now it's gone completely. I have looked for info regarding the 5460 on the Web but so far my searchs have only returned hits on the board not any documentation pertaining to it.

I will be happy to pass on any info I come across and / or any resolve to the problem.

Thanks,

Fox

--- In harris-radio@yahoogroups.com, "driftermick" <driftermick@...> wrote:
>
>
>
>
>
>
> Fox, for my own info, can you tell me what the receiver is doing?
> and why you feel it's the AGC? I checked my manuals and I'm
> also seeing the -5451 part number. If i get some time i will
> take one out of the rack and look inside. Will be looking for
> info on this on the web. Please keep the group up to date on
> this. I get a bit nervous when I read about a 590 failure.
>
> Thanks.
> Drifter...
>
> --- In harris-radio@yahoogroups.com, "commint56" <fashen@> wrote:
> >
> > Hey 590 pro's;
> >
> > My beloved RF590 has given up the ghost on it's AGC. Normally that wouldn't be a problem that I couldn't probably resolve but I've been chopped off at the knees.. My RF-590 manual (10073-0020D - May 1986) covers everything in the receiver but when I get to the A5 section and specifically the A5A2 subassembly it describes a board that is entirely different than the A5A2 in my set. Not sure what I have here, whether it's simply a later revision or whether it is a special assembly. The manuals I've checked all deal with the A5A2 as part number 10073-5451, whereas mine is 10073-5460(-01).
> >
> > So I'm lacking all the info pertaing to maintenance and troublshooting the assemby.
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> > Has anyone got this board covered in a manual and could provide a .pdf of that section?
> >

> > Thanks in advance,
> >
> > Fox
> >
> > (you'll find me at the RF gain control of my 590)
> >
>

1211. Re: Help with RF-590 AGC (A5 daughterboard)

Yahoo group: harris-radio
Date: 2012-09-13 09:08:48 UTC
From: driftermick
Topic: 1207 Message: 1211

Fox, thanks. I'm not finding any info on this either. I did find
a few web post on a man in MI. who does or used to do Harris repairs.
His call is KA8TUR; this info was a few years old. He may not
work with Harris 590's anymore, but, it may be worth a shot to
check with him. There is not a lot of info out there on this great
receiver. I have a few Harris here, and an 590H is getting a
little strange. The receive drops down, every now and then, I
can see on the meter, a quick drop, like a fast fade, and then
it's back. I'm not a tech, and I haven't had a chance to take
the covers off, maybe loose plug or some such. Hopefully. But,
sooner or later this will need to be looked at. Parts for this
are nowhere, and parts radios never show up. So, I'm watching
where this may go with you. I was thinking AGC on this too, I
need to get it out and play a bit to really see what is going
on here. As I remember, the receive was a bit low, and noisy.
Sensitivity seems to be down. When things slow down during the
winter, I will get a better look at this. Right now all I can
say is good luck. Lets hope for the best on this.
(Love these old radios).

Drifter...

--- In harris-radio@yahoogroups.com, "commint56" <fashen@...> wrote:
>
> Hi Drifter, Thanks for your reply! The AGC is simply not responding just as though it was
turned off at the front panel. Stronger signals will overload the set unless I manually
reduce the RF gain. The AGC action had seemed intermittantly sluggish for a while prior to
this complete failure and I wanted to run through the AGC setup as per the manual anyway
but now it's gone completely. I have looked for info regarding the 5460 on the Web but so
far my searchs have only returned hits on the board not any documentation pertaining to it.
>
> I will be happy to pass on any info I come across and / or any resolve to the problem.
>
> Thanks,
>
> Fox
>
>
>
> --- In harris-radio@yahoogroups.com, "driftermick" <driftermick@> wrote:
> >
> >
> >
> >
> >

> >
> > Fox, for my own info, can you tell me what the receiver is doing?
> > and why you feel it's the AGC? I checked my manuals and I'm
> > also seeing the -5451 part number. If i get some time i will
> > take one out of the rack and look inside. Will be looking for
> > info on this on the web. Please keep the group up to date on
> > this. I get a bit nervous when I read about a 590 failure.
> >
> > Thanks.
> > Drifter...
> >
> > --- In harris-radio@yahoogroups.com, "commint56" <fashen@> wrote:
> > >
> > > Hey 590 pro's;
> > >
> > > My beloved RF590 has given up the ghost on it's AGC. Normally that wouldn't be a problem that I couldn't probably resolve but I've been chopped off at the knees.. My RF-590 manual (10073-0020D - May 1986) covers everything in the receiver but when I get to the A5 section and specifically the A5A2 subassembly it describes a board that is entirely different than the A5A2 in my set. Not sure what I have here, whether it's simply a later revision or whether it is a special assembly. The manuals I've checked all deal with the A5A2 as part number 10073-5451, whereas mine is 10073-5460(-01).
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> > > Has anyone got this board covered in a manual and could provide a .pdf of that section?
> > >
> > > Thanks in advance,
> > >
> > > Fox
> > >
> > > (you'll find me at the RF gain control of my 590)
> > >
> >
>

1212. RF-230 mike connector wiring

Yahoo group: harris-radio
Date: 2012-09-13 09:51:06 UTC
From: arclight_arclight
Topic: 1212 Message: 1212

All: I'm assembling a new mike for a Harris RF-230 for a crippled friend. As far as I know it's the standard 5-pin (or 6-pin) twist-on mike connector used on other Harris radios. Two questions:

a. IS it the standard 5-pin / 6-pin connector?

b. If so, what's the wiring?

Thanks,
Dave Maples

1213. Re: Help with RF-590 AGC (A5 daughterboard)

Yahoo group: harris-radio
Date: 2012-09-14 14:09:34 UTC
From: Steve
Topic: 1207 Message: 1213

Fox,
Send me an offline email address, I believe I can help you out.

Steve KD2OM
--- In harris-radio@yahoogroups.com, "commint56" <fashen@...> wrote:
>
> Hey 590 pro's;
>
> My beloved RF590 has given up the ghost on it's AGC. Normally that wouldn't be a problem that I couldn't probably resolve but I've been chopped off at the knees.. My RF-590 manual (10073-0020D - May 1986) covers everything in the receiver but when I get to the A5 section and specifically the A5A2 subassembly it describes a board that is entirely different than the A5A2 in my set. Not sure what I have here, whether it's simply a later revision or whether it is a special assembly. The manuals I've checked all deal with the A5A2 as part number 10073-5451, whereas mine is 10073-5460(-01).
>
> So I'm lacking all the info pertaing to maintenance and troublshooting the assemby.
>
> Has anyone got this board covered in a manual and could provide a .pdf of that section?
>
> Thanks in advance,
>
> Fox
>
> (you'll find me at the RF gain control of my 590)
>

1214. AN/PRC-152 u-229 wiring?

Yahoo group: harris-radio
Date: 2012-09-14 22:36:20 UTC
From: W2HX
Topic: 1214 Message: 1214

Hi all,

Does anyone know if the u-229 connector on this radio has the same pinouts (specifically for mic) as does the "standard" H-250 type handset? I ask because I bought a harris RF-5961-HS003 headset. The earpiece is working, the PTT is working but no audio from the mic (tested on two different radios).

So I don't know if this is defective, or if the mic signal goes to a different pin than an H-250

Thanks!

73 Eugene W2HX

1215. Re: AN/PRC-152 u-229 wiring?

Yahoo group: harris-radio
Date: 2012-09-15 12:24:15 UTC
From: Steve
Topic: 1214 Message: 1215

Eugene,
It is the same pinout. I have used that radio with an H-250 handset. What I can't remember if the 152 has voltage to work with an electret mic and if the headset you bought uses an electret mic.
Steve

--- In harris-radio@yahoogroups.com, "W2HX" <w2hx@...> wrote:
>
> Hi all,
>
> Does anyone know if the u-229 connector on this radio has the same pinouts (specifically for mic) as does the "standard" H-250 type handset? I ask because I bought a harris RF-5961-HS003 headset. The earpiece is working, the PTT is working but no audio from the mic (tested on two different radios).
>
> So I don't know if this is defective, or if the mic signal goes to a different pin than an H-250
>
> Thanks!
>
>
> 73 Eugene W2HX
>

1216. Dead RF-350K

Yahoo group: harris-radio
Date: 2012-09-20 20:28:00 UTC
From: Roy
Topic: 1216 Message: 1216

Hello All.

Well I fell sucker to a RF-350K on EBay. I have never seen anything packed so poorly in my life. Just a few sheets of newspaper. A single box with the power supply AND the transceiver.

Of course, it does not work. When turned on, the power supply starts and the LCDs light p green but there is no information on them. There is a single red light in the depths of the chassis.

I know it is not much to go on but does anyone have any ideas ?

Roy WIldermuth
AWA Museum

1217. Re: [harris-radio] Dead RF-350K

Yahoo group: harris-radio
Date: 2012-09-20 21:33:19 UTC
From: Terry
Topic: 1216 Message: 1217

Check the multivoltage battery supply.

From: Roy <w3rlw@rochester.rr.com>
To: harris-radio@yahoogroups.com
Sent: Thursday, September 20, 2012 4:28 PM
Subject: [harris-radio] Dead RF-350K

Hello All.

Well I fell sucker to a RF-350K on EBay. I have never seen anything packed so poorly in my life. Just a few sheets of newspaper. A single box with the power supply AND the transceiver.

Of course, it does not work. When turned on, the power supply starts and the LCDs light p green but there is no information on them. There is a single red light in the depths of the chassis.

I know it is not much to go on but does anyone have any ideas ?

Roy WIldermuth
AWA Museum

[Non-text portions of this message have been removed]

1218. Re: [harris-radio] Dead RF-350K

Yahoo group: harris-radio
Date: 2012-09-20 22:42:46 UTC
From: jonklinkhamer@comcast.net
Topic: 1216 Message: 1218

Roy,

In the spirit of the glass half full, there is great documentatio n out there and this group is great for this stuff. If you have the motiviation it can be fixed and you will learn lots about the radio. I would start with the bottom power supply, just jumper the correct pins to trick the PS and see if you have all the voltages. If you are ambitious enough put a resistor load across the pins to emulate the load of the 350K.

Jon

----- Original Message -----

From: "Terry" <ab8al@yahoo.com>
To: harris-radio@yahoogroups.com
Sent: Thursday, September 20, 2012 5:33:19 PM
Subject: Re: [harris-radio] Dead RF-350K

Check the multivoltage battery supply.

From: Roy < w3rlw@rochester.rr.com >
To: harris-radio@yahoogroups.com
Sent: Thursday, September 20, 2012 4:28 PM
Subject: [harris-radio] Dead RF-350K

Hello All.

Well I fell sucker to a RF-350K on EBay. I have never seen anything packed so poorly in my life. Just a few sheets of newspaper. A single box with the power supply AND the transceiver.

Of course, it does not work. When turned on, the power supply starts and the LCDs light p green but there is no information on them. There is a single red light in the depths of the chassis.

I know it is not much to go on but does anyone have any ideas ?

Roy WIldermuth
AWA Museum

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1219. Re: [harris-radio] Dead RF-350K

Yahoo group: harris-radio
Date: 2012-09-20 22:53:50 UTC
From: Stuart
Topic: 1216 Message: 1219

Roy

From your description of the symptoms I cannot tell exactly what the problem may be for example one red light in the chassis is not descriptive enough.

If you remove the top cover and look towards the rear of the transceiver you should see two red led’s lit on the interconnect board. the left one is 13.6V and the right 5V.
If you are a technician you can measure the multivoltage supply voltages at the test points on the interconnect card. TP2 RED, -15v; TP3 Orange, +15V; TP4 Yellow +13.6v; TP5 Green 5v TP1 Brown Ground.

schematics are available on the web

73
and good luck

Stuart
N5LBZ

From: Roy
Sent: Thursday, September 20, 2012 3:28 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Dead RF-350K

Hello All.

Well I fell sucker to a RF-350K on EBay. I have never seen anything packed so poorly in my life. Just a few sheets of newspaper. A single box with the power supply AND the transceiver.

Of course, it does not work. When turned on, the power supply starts and the LCDs light p green but there is no information on them. There is a single red light in the depths of the chassis.

I know it is not much to go on but does anyone have any ideas ?

Roy WIldermuth
AWA Museum

[Non-text portions of this message have been removed]

1220. Re: [harris-radio] Dead RF-350K

Yahoo group: harris-radio
Date: 2012-09-21 00:52:02 UTC
From: ROY WILDERMUTH
Topic: 1216 Message: 1220

On Sep 20, 2012, at 8:35 PM, ROY WILDERMUTH GMAIL wrote:

> FIrst of all thank you and second, as a newbie should I answer in the clear or respond to the person who responded to me. Some groups have different rules. As for me, I like to watch the play by play.
>
> Actually, you have given me a very good idea. There is only 1 light lit. Which makes me think that it is the 12 volt circuit. WHich explains why the LCD is lit. The lack of 5 volts would indicate a loss of all logic circuits.
>
> I will start there.
>
>
> Roy
>
> On Sep 20, 2012, at 6:53 PM, Stuart wrote:
>
>> Roy
>>
>> From your description of the symptoms I cannot tell exactly what the problem may
>> be for example one red light in the chassis is not descriptive enough.
>>
>> If you remove the top cover and look towards the rear of the transceiver you should see
>> two red led?s lit on the interconnect board. the left one is 13.6V and the right 5V.
>> If you are a technician you can measure the multivoltage supply voltages at the test points
>> on the interconnect card. TP2 RED, -15v; TP3 Orange, +15V; TP4 Yellow +13.6v; TP5 Green 5v
>> TP1 Brown Ground.
>>
>> schematics are available on the web
>>
>> 73
>> and good luck
>>
>> Stuart
>> N5LBZ
>>
>> From: Roy
>> Sent: Thursday, September 20, 2012 3:28 PM
>> To: harris-radio@yahoogroups.com
>> Subject: [harris-radio] Dead RF-350K
>>
>> Hello All.
>>

>> Well I fell sucker to a RF-350K on EBay. I have never seen anything packed so poorly in my life. Just a few sheets of newspaper. A single box with the power supply AND the transceiver.
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>> Of course, it does not work. When turned on, the power supply starts and the LCDs light p green but there is no information on them. There is a single red light in the depths of the chassis.
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>> I know it is not much to go on but does anyone have any ideas ?
>>
>> Roy WIldermuth
>> AWA Museum
>>
>> [Non-text portions of this message have been removed]
>>
>>
>

[Non-text portions of this message have been removed]

1221. 5020 A6 JMP1 HUB disable

Yahoo group: harris-radio
Date: 2012-09-24 20:15:15 UTC
From: W2HX
Topic: 1221 Message: 1221

Hi all,

I am storing away my RF-5020. Manual says to remove this jumper on A6 to save the HUB from discharging while in storage. I pulled A6 and to my surprise, the jumper was a small wire soldered in. I was expecting a removable jumper. Since I have to remove this wire jumper anyway, can anyone think of a reason I should not install a removable jumper in its place?

73 Eugene W2HX

1222. RE: [harris-radio] 5020 A6 JMP1 HUB disable

Yahoo group: harris-radio
Date: 2012-09-24 20:33:49 UTC
From: Roger Waldmiller
Topic: 1221 Message: 1222

Hi Eugene:

The HUB keeps the programmed memory alive when the unit is off. The jumper is removed to disconnect the Battery when the unit is stored or the bd is removed and stored. With the bd removed or the unit OFF the battery will slowly discharge, holding the memory and in a few months or less be DEAD. It is a lithium and cannot be recharged.

If the jumper is disconnected and the battery is not connected , every time you turn OFF the unit , all /config progm is lost.

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of W2HX
Sent: Monday, September 24, 2012 4:15 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] 5020 A6 JMP1 HUB disable

Hi all,

I am storing away my RF-5020. Manual says to remove this jumper on A6 to save the HUB from discharging while in storage. I pulled A6 and to my surprise, the jumper was a small wire soldered in. I was expecting a removable jumper. Since I have to remove this wire jumper anyway, can anyone think of a reason I should not install a removable jumper in its place?

73 Eugene W2HX

[Non-text portions of this message have been removed]

1223. RE: [harris-radio] 5020 A6 JMP1 HUB disable

Yahoo group: harris-radio
Date: 2012-09-24 20:50:49 UTC
From: W2HX
Topic: 1221 Message: 1223

Thanks, Roger. I think I am on the same page as what you describe. Since I am storing the unit for a few months, I would hate to lose my hub battery and I would hate to unsolder this wire jumper just to resolder it again in the future. Seems a removable jumper (like a PCB jumper commonly seen in personal computers) would be better than unsoldering when putting away in storage and resoldering when put back into use.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Roger Waldmiller
Sent: Monday, September 24, 2012 4:34 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] 5020 A6 JMP1 HUB disable

Hi Eugene:

The HUB keeps the programmed memory alive when the unit is off. The jumper is removed to disconnect the Battery when the unit is stored or the bd is removed and stored. With the bd removed or the unit OFF the battery will slowly discharge, holding the memory and in a few months or less be DEAD. It is a lithium and cannot be recharged.

If the jumper is disconnected and the battery is not connected , every time you turn OFF the unit , all /config progm is lost.

Regards

Roger

Roger w

waldrgr@...<mailto:waldrgr%40rochester.rr.com>

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com> [mailto:harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>] On Behalf Of W2HX
Sent: Monday, September 24, 2012 4:15 PM
To: harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>
Subject: [harris-radio] 5020 A6 JMP1 HUB disable

Hi all,

I am storing away my RF-5020. Manual says to remove this jumper on A6 to save the HUB from discharging while in storage. I pulled A6 and to my surprise, the jumper was a small wire soldered in. I was expecting a removable jumper. Since I have to remove this wire jumper anyway, can anyone think of a reason I should not install a removable jumper in its place?

73 Eugene W2HX

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1224. Wanted, CQ Magazine, Oct. 2012

Yahoo group: harris-radio
Date: 2012-09-28 04:04:41 UTC
From: Pasquale Lombardi
Topic: 1221 Message: 1224

I want to purchase CQ Magazine (Oct, 2012 Issue)

Can anyone help?
Thank you,

Pat in NJ

[Non-text portions of this message have been removed]

1225. RF-350 FREEZES on Test

Yahoo group: harris-radio
Date: 2012-09-28 07:13:01 UTC
From: Roy
Topic: 1225 Message: 1225

Hello

A weird problem. My RF-350 will pass both receive and transmit tests with a "passed". But if the test is run later the radio will freeze up during the test. Showing all the symbols on the LCD. Or at times the Radio will just freeze. I have noticed that occasionally the radio will boot up with gibbeish on the display. I am wondering if I need a new Lithium battery or if the a1a12 transceiver PWB might be bad.

ANy ideas ? THis has been a real tough radio to work on so far.

Roy WIldermuth
AWA Museum

1226. October CQ Mag.

Yahoo group: harris-radio
Date: 2012-09-28 20:01:20 UTC
From: neil277@juno.com
Topic: 1226 Message: 1226

Pasquale,
I would suggest:

1) Calling CQ Magazine in NY, or going to their website.
2) Contacting one of the Ham stores (AES, HRO, etc)
3) Going to your nearest Barnes and Nobel bookstore - I know they carry it in my town.

73
Neil, N4SI

Original email:

Wanted, CQ Magazine, Oct. 2012 Posted by: "Pasquale Lombardi" pasquale.nj@... pasqualenj2002 Date: Thu Sep 27, 2012 9:04 pm ((PDT))I want to purchase CQ Magazine (Oct, 2012 Issue)Can anyone help?Thank you,Pat in NJ

[Non-text portions of this message have been removed]

1227. Re: [harris-radio] RF-350 FREEZES on Test

Yahoo group: harris-radio
Date: 2012-09-28 21:37:26 UTC
From: Stuart
Topic: 1225 Message: 1227

Roy the freeze could come from a problem with the transceiver control board A1A12 sounds like an intermittent.
The battery, however, is just to keep the memory intact when the transceiver is turned off.

Stuart
n5lbz@arrl.net

From: Roy
Sent: Friday, September 28, 2012 2:13 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-350 FREEZES on Test

Hello

A weird problem. My RF-350 will pass both receive and transmit tests with a "passed". But if the test is run later the radio will freeze up during the test. Showing all the symbols on the LCD. Or at times the Radio will just freeze. I have noticed that occasionally the radio will boot up with gibbeish on the display. I am wondering if I need a new Lithium battery or if the a1a12 transceiver PWB might be bad.

ANy ideas ? THis has been a real tough radio to work on so far.

Roy WIldermuth
AWA Museum

[Non-text portions of this message have been removed]

1228. RE: [harris-radio] RF-350 FREEZES on Test

Yahoo group: harris-radio
Date: 2012-09-28 22:21:14 UTC
From: W2HX
Topic: 1225 Message: 1228

Check Tantalums on the control board.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Stuart
Sent: Friday, September 28, 2012 5:37 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF-350 FREEZES on Test

Roy the freeze could come from a problem with the transceiver control board A1A12 sounds like an intermittent.
The battery, however, is just to keep the memory intact when the transceiver is turned off.

Stuart
n5lbz@...<mailto:n5lbz%40arrl.net>

From: Roy
Sent: Friday, September 28, 2012 2:13 AM
To: harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>
Subject: [harris-radio] RF-350 FREEZES on Test

Hello

A weird problem. My RF-350 will pass both receive and transmit tests with a "passed". But if the test is run later the radio will freeze up during the test. Showing all the symbols on the LCD. Or at times the Radio will just freeze. I have noticed that occasionally the radio will boot up with gibbeish on the display. I am wondering if I need a new Lithium battery or if the a1a12 transceiver PWB might be bad.

ANy ideas ? THis has been a real tough radio to work on so far.

Roy WIldermuth
AWA Museum

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1229. Re: RF-350 FREEZES on Test

Yahoo group: harris-radio
Date: 2012-09-30 14:31:54 UTC
From: Roy
Topic: 1225 Message: 1229

Now that I know that the problem is on the A1A12 board it will be a little easier to track down the trouble. Having never had any experience with BITE radios, this was really something. I sure have learned a great deal about RF-350 radios during this.
--- In harris-radio@yahoogroups.com, "W2HX" <w2hx@...> wrote:
>
> Check Tantalums on the control board.
>
>
> 73 Eugene W2HX
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Stuart
> Sent: Friday, September 28, 2012 5:37 PM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] RF-350 FREEZES on Test
>
>
>
> Roy the freeze could come from a problem with the transceiver control board A1A12 sounds like an intermittent.
> The battery, however, is just to keep the memory intact when the transceiver is turned off.
>
> Stuart
> n5lbz@...<mailto:n5lbz%40arrl.net>
>
> From: Roy
> Sent: Friday, September 28, 2012 2:13 AM
> To: harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>
> Subject: [harris-radio] RF-350 FREEZES on Test
>
> Hello
>
> A weird problem. My RF-350 will pass both receive and transmit tests with a "passed". But if the test is run later the radio will freeze up during the test. Showing all the symbols on the LCD. Or at times the Radio will just freeze. I have noticed that occasionally the radio will boot up with gibbeish on the display. I am wondering if I need a new Lithium battery or if the a1a12 transceiver PWB might be bad.
>
> ANy ideas ? THis has been a real tough radio to work on so far.
>
> Roy WIldermuth
> AWA Museum
>
> [Non-text portions of this message have been removed]

>
>
>
> [Non-text portions of this message have been removed]
>

1230. Looking for Multi-Voltage Power Supply

Yahoo group: harris-radio
Date: 2012-09-30 14:39:06 UTC
From: Roy
Topic: 1230 Message: 1230

Hello

I am looking for a Multi-Voltage power supply. Does anyone have one for sale ?

Roy WIldermuth
AWA Museum

1231. Re: Looking for Multi-Voltage Power Supply

Yahoo group: harris-radio
Date: 2012-10-02 16:07:26 UTC
From: Kurt Lesser
Topic: 1230 Message: 1231

Roy, What kind of voltages and currents are you looking for?

--- In harris-radio@yahoogroups.com, "Roy" <w3rlw@...> wrote:
>
>
>
> Hello
>
> I am looking for a Multi-Voltage power supply. Does anyone have one for sale ?
>
> Roy WIldermuth
> AWA Museum
>

1232. RF-350 FB ! ? /

Yahoo group: harris-radio
Date: 2012-10-04 10:21:52 UTC
From: Roy
Topic: 1232 Message: 1232

Thanks to all that helped me and put up with my learning curve. I have a very nice fully working RF-350K of my own and another one for the Museum. It is a great system and more sweet because I now understand how it works.

I have a question about the remote unit. I am making a long control cable for the remote ans as I understand it all of the necessary wiring is accomplished by running everything through the 25 Pin connector. Data and auto in and out.

Am I correct in this ?

1233. Looking for RF-2301 Manual

Yahoo group: harris-radio
Date: 2012-10-04 10:24:04 UTC
From: Roy
Topic: 1233 Message: 1233

Hello

I have a RF-2301 that has been played with and as such the adjustments are all off. I have been looking for a manual or at least a guide to adjustments. Does anyone have one

Roy W

1234. Re: RF-350 FB ! ? /

Yahoo group: harris-radio
Date: 2012-10-04 13:52:16 UTC
From: Ron Boltz
Topic: 1232 Message: 1234

Yes, a good old 25 pin RS-232 cable will work. Just be sure both units are the same; 2 wire or 4 wire, switch selectable.

Ron Boltz

[Non-text portions of this message have been removed]

1235. rf5000

Yahoo group: harris-radio
Date: 2012-10-04 14:52:24 UTC
From: dave
Topic: 1235 Message: 1235

i am looking for the keyboard membrane on the rf5000 control head.
one of the surplus outfits sold it with out the menbrane. grrrrr

tnx dave k7da

1236. Re: RF-350 FB ! ? /

Yahoo group: harris-radio
Date: 2012-10-05 14:30:54 UTC
From: tishers4u
Topic: 1232 Message: 1236

--- In harris-radio@yahoogroups.com, "Ron Boltz" <rl.boltz@...> wrote:
>
> Yes, a good old 25 pin RS-232 cable will work. Just be sure both units are
> the same; 2 wire or 4 wire, switch selectable.
>
> Ron Boltz

I would suggest that you try to stick with a 4 wire interface. It is just going to be using a balanced audio pair in both directions but there is less chance of there being "issues" (from previous experience with audio telco circuits).

In a perfect world you would make your own cable and have several shielded, twisted-pair lines in there so you could keep things balanced and reduce hum.

Tisha Hayes, AA4HA

1237. RE: [harris-radio] rf5000

Yahoo group: harris-radio
Date: 2012-10-05 15:29:21 UTC
From: Roger Waldmiller
Topic: 1235 Message: 1237

Hi Dave k7da

The 5020 used a pad with yellow markings and the 5022 and 5022E had white markings

The 5022 and 5022e use the same pad as the prc 138

The markings on the 5020 pad differ slightly from the 5022,5022e,138 pad.

As for a source ???/ that is going to be a challenge.

Regards

Roger

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of dave
Sent: Thursday, October 04, 2012 10:52 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] rf5000

i am looking for the keyboard membrane on the rf5000 control head.
one of the surplus outfits sold it with out the menbrane. grrrrr

tnx dave k7da

[Non-text portions of this message have been removed]

1238. FS-Complete PRC-138 Set-$7000

Yahoo group: harris-radio
Date: 2012-10-08 16:16:02 UTC
From: Leon S. Ciereszko III
Topic: 1238 Message: 1238

All,
Life events and an imminent move is now pushing this back to the forefront. It works fine and I'm not in financial difficulty but I don't use it often(the ancillaries not at all), it takes up a bit of space, and I am trying to downsize. A quick description: A complete 20W, 1.6-60MHz, ALE manpack w/digital voice(LPC-02) with all components to convert to a 125W transportable station complete with 12VDC and 100-250VAC PSs, dual 30ft mast system with antenna, and all interconnecting cables. It will need to go truck freight as it all weighs in excess of 400 pounds (ZIP code 20147 (no loading dock). I can also arrange delivery/pickup/meet somewhere within 200 miles of Washington, DC. I will be at the CARA Hamfest in MD tomorrow with the main unit if anybody wants to look at it. If I don't hear anything in a week it is going on eBay.

One is a slide show of all of the pieces that I am selling. The others are videos of testing the system.

Slideshow of Everything Included
Part 1
http://www.youtube.com/watch?v=C6Ein5_vxyw
Part 2
http://www.youtube.com/watch?v=QE9sZgqxCBg&feature=relmfu

System Overview
http://www.youtube.com/watch?v=OIv2hcdP4_U

BITE and RF Test 1
http://www.youtube.com/watch?v=BV4CoaONM1Q

RF Test 2
http://www.youtube.com/watch?v=VAApjf5-MLw

Manpack Configuration Test
http://www.youtube.com/watch?v=Rlkk7zwAPPc

PRC-138 Set Missing/Broken Items

Everything is included and operational to use as a manpack with whip or 125W transportable station (with masts and antennas (needs 3 pins; see below)) that will run off 9-36 VDC or AC 95-150VAC or 187-300VAC at 47-440Hz.

Case 1
Ground Stake Kit-missing

Case 5
3 of 4 small anchor pegs-missing (~8 inches long x ~3/8 inch diameter)

Base plate-1 extra
Ground clamp-missing
Ground strap-missing

Headset-mic inoperative

Computer missing hard drive

One battery rebuilt with NiMh cells; tests at 3.5 AH. Other battery is dead NiCd.

Includes data cable with compatible USB adapter

Power supply input line cable has German plug.

External speaker is inop (to me). It was given to me in unknown condition. The assorted cables have the right connectors for the power and audio input but I do not know if they are wired correctly.

Includes small commercial power supply and adapter to charge batteries internally without using the large power supplies (ideal for traveling and keeping batteries charged).

Extra (never used) data port connector for TNCs or other data/audio sources.

Lee N4TCW

Where's Lee?
http://map.findu.com/n4tcw

1239. Configuring Harris PRC-150 in HF-Simplex, Non-ALE, Mode?

Yahoo group: harris-radio
Date: 2012-10-12 09:35:45 UTC
From: Daniel V. Wolff, Jr.
Topic: 1239 Message: 1239

Is there a Subject Matter Expert (SME) on this group that knows the Harris PRC-150 in and out? We are looking for guidance and instruction on how to configure this transceiver for HF simplex, non-ALE, mode for voice (SSB) and data (Mil-Std) use. The interface program that was tried was "Tactical Chat IP" but that is for ALE use. We want to use this for non-ALE, HF-simplex (single frequency) two-way communications. Is there anyone here with expertise on this subject?

73,

DANIEL V. WOLFF, JR.

DL4VCW / KA7AGN / AEM1WF (MARS)

<http://www.qsl.net/dl4vcw/> http://www.qsl.net/dl4vcw/

<http://www.qsl.net/ka7agn/> http://www.qsl.net/ka7agn/

<http://www.qsl.net/aem1wf/> http://www.qsl.net/aem1wf/

Classification: UNCLASSIFIED

Caveats: NONE

[Non-text portions of this message have been removed]

1240. Re: Configuring Harris PRC-150 in HF-Simplex, Non-ALE, Mode?

Yahoo group: harris-radio
Date: 2012-10-13 14:25:17 UTC
From: Mark
Topic: 1239 Message: 1240

Daniel,

Due to the nature of this particular radio, it would be better if you were to contact Harris directly with your questions.

--- In harris-radio@yahoogroups.com, "Daniel V. Wolff, Jr." <wolff.neidenbach@...> wrote:
>
> Is there a Subject Matter Expert (SME) on this group that knows the Harris
> PRC-150 in and out? We are looking for guidance and instruction on how to
> configure this transceiver for HF simplex, non-ALE, mode for voice (SSB) and
> data (Mil-Std) use. The interface program that was tried was "Tactical Chat
> IP" but that is for ALE use. We want to use this for non-ALE, HF-simplex
> (single frequency) two-way communications. Is there anyone here with
> expertise on this subject?
>
>
>
>
> 73,
>
>
>
> DANIEL V. WOLFF, JR.
>
> DL4VCW / KA7AGN / AEM1WF (MARS)
>
> <http://www.qsl.net/dl4vcw/> http://www.qsl.net/dl4vcw/
>
> <http://www.qsl.net/ka7agn/> http://www.qsl.net/ka7agn/
>
> <http://www.qsl.net/aem1wf/> http://www.qsl.net/aem1wf/
>
>
>
> Classification: UNCLASSIFIED
>
> Caveats: NONE
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]

>

1241. 12v Fan in Rf-350k power supply

Yahoo group: harris-radio
Date: 2012-10-15 13:00:09 UTC
From: vk5abc
Topic: 1241 Message: 1241

Hello All

Anyone have details of the fan used in Rf-350K power supply?

73's Lee.

1242. Re: 12v Fan in Rf-350k power supply

Yahoo group: harris-radio
Date: 2012-10-15 14:25:01 UTC
From: Tisha Hayes
Topic: 1241 Message: 1242

Other than it is the noisiest fan on planet earth and the bearings seem to go out on every one?

--
Ms. Tisha Hayes/ AA4HA

"In this denial of the right to participate in government, not merely the degradation of woman and the perpetuation of a great injustice happens, but the maiming and repudiation of one-half of the moral and intellectual power of the government of the world." -- Fredrick Douglass, 1848

[Non-text portions of this message have been removed]

1243. Re: 12v Fan in Rf-350k power supply

Yahoo group: harris-radio
Date: 2012-10-15 14:48:43 UTC
From: vk5abc
Topic: 1241 Message: 1243

Thanks for that, but I thought the fan in the matching 500W amplifier which runs at about 5k+ rpm, is very noisy, someone compared that to a leaf blower. I never ran my 500w amplifier with oem fan I changed mine to a 50hz, the fan bearings are very worn, the noise level is now acceptable.
Lee

--- In harris-radio@yahoogroups.com, Tisha Hayes <Tisha.Hayes@...> wrote:
>
> Other than it is the noisiest fan on planet earth and the bearings seem to
> go out on every one?
>
> --
> Ms. Tisha Hayes/ AA4HA
>
> "In this denial of the right to participate in government, not merely the
> degradation of woman and the perpetuation of a great injustice happens, but
> the maiming and repudiation of one-half of the moral and intellectual power
> of the government of the world." -- Fredrick Douglass, 1848
>
>
> [Non-text portions of this message have been removed]
>

1244. RE: [harris-radio] Re: 12v Fan in Rf-350k power supply

Yahoo group: harris-radio
Date: 2012-10-15 15:01:57 UTC
From: W2HX
Topic: 1241 Message: 1244

Harris rf-110A amp wins. Its fan runs at 11,000 rpm! Think jet engine starting up! Add some bearing wear and you have the winner.

73 Eugene W2HX

-----Original Message-----
From: vk5abc [vk5abc@...]
Received: Monday, 15 Oct 2012, 10:51am
To: harris-radio@yahoogroups.com [harris-radio@yahoogroups.com]
Subject: [harris-radio] Re: 12v Fan in Rf-350k power supply

Thanks for that, but I thought the fan in the matching 500W amplifier which runs at about 5k+ rpm, is very noisy, someone compared that to a leaf blower. I never ran my 500w amplifier with oem fan I changed mine to a 50hz, the fan bearings are very worn, the noise level is now acceptable.
Lee

--- In harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>, Tisha Hayes <Tisha.Hayes@...> wrote:
>
> Other than it is the noisiest fan on planet earth and the bearings seem to
> go out on every one?
>
> --
> Ms. Tisha Hayes/ AA4HA
>
> "In this denial of the right to participate in government, not merely the
> degradation of woman and the perpetuation of a great injustice happens, but
> the maiming and repudiation of one-half of the moral and intellectual power
> of the government of the world." -- Fredrick Douglass, 1848
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

1245. Ericson 300P

Yahoo group: harris-radio
Date: 2012-10-15 19:12:39 UTC
From: bocainternational
Topic: 1245 Message: 1245

We have some EDAC 300P KRD 103 162/1
Does anybody have an interest ?

John
303-550-8782 cell

1246. Harris RF3281 Coupler on ePay

Yahoo group: harris-radio
Date: 2012-10-16 00:13:55 UTC
From: Alex J Rokowetz
Topic: 1246 Message: 1246

Not mine, but the current bid seems like a steal for this autotuner.

ePay item number: 120997505787

Alex
K2AJR

[Non-text portions of this message have been removed]

1247. RE: [harris-radio] Harris RF3281 Coupler on ePay

Yahoo group: harris-radio
Date: 2012-10-16 14:47:56 UTC
From: Roger Waldmiller
Topic: 1246 Message: 1247

Remember , this coupler can only be used with the RF 3200 series radio's
with the coupler interface card.

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of Alex J Rokowetz
Sent: Monday, October 15, 2012 8:14 PM
To: Army Radios; Harris Radio; 40M Group; milsurplus@...;
Military Radio Collector's Association
Subject: [harris-radio] Harris RF3281 Coupler on ePay

Not mine, but the current bid seems like a steal for this autotuner.

ePay item number: 120997505787

Alex
K2AJR

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1248. Harris HF modem

Yahoo group: harris-radio
Date: 2012-10-17 09:40:17 UTC
From: frankk2ncc
Topic: 1248 Message: 1248

anyone interested in my beautiful RF-3466A Harris Universal HF Modem?

http://www.milspec.ca/modems/rf-3466a.html

Some modes it offers:

Narrowband Secure Voice
High-Speed Burst Data
Digital Facsimile
Slow-Scan Television
Multi-Data-Rate Operation
HF, Microwave, Land-Line

my pics:
https://picasaweb.google.com/frank.k2ncc/HarrisRF3466A

Not listed on eBay, but will soon. Thought I'd ask here first since we all love Harris here. Seven cards inside. Passes all tests.

Please PM me, not reply to this thread, as it might be hours or days before I notice it.

My info is good on qrz.com

frank in Oregon, K2NCC

1249. RE: [harris-radio] Harris HF modem

Yahoo group: harris-radio
Date: 2012-10-17 13:36:30 UTC
From: Dr Fred Hambrecht
Topic: 1248 Message: 1249

The modes you quote are not part of the modem, but require other devices. This particular modem, as a standalone, is capable of obsolete 39 tone and is not compatible with the STANAG modes in use today.

Fred W4JLE/NNN0AAG SC

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of frankk2ncc
Sent: Wednesday, October 17, 2012 5:40 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris HF modem

anyone interested in my beautiful RF-3466A Harris Universal HF Modem?

http://www.milspec.ca/modems/rf-3466a.html

Some modes it offers:

Narrowband Secure Voice
High-Speed Burst Data
Digital Facsimile
Slow-Scan Television
Multi-Data-Rate Operation
HF, Microwave, Land-Line

my pics:
https://picasaweb.google.com/frank.k2ncc/HarrisRF3466A

Not listed on eBay, but will soon. Thought I'd ask here first since we all love Harris here. Seven cards inside. Passes all tests.

Please PM me, not reply to this thread, as it might be hours or days before I notice it.

My info is good on qrz.com

frank in Oregon, K2NCC

[Non-text portions of this message have been removed]

1250. RE: [harris-radio] Harris HF modem

Yahoo group: harris-radio
Date: 2012-10-17 15:00:39 UTC
From: W2HX
Topic: 1248 Message: 1250

I bought a minty one for $40. Does anyone have a power connector for it? Or does anyone know the part number for it? I'd like to get rid of my alligator clips!
thanks

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Dr Fred Hambrecht
Sent: Wednesday, October 17, 2012 9:37 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Harris HF modem

The modes you quote are not part of the modem, but require other devices.
This particular modem, as a standalone, is capable of obsolete 39 tone and
is not compatible with the STANAG modes in use today.

Fred W4JLE/NNN0AAG SC

From: harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>
[mailto:harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>] On
Behalf Of frankk2ncc
Sent: Wednesday, October 17, 2012 5:40 AM
To: harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>
Subject: [harris-radio] Harris HF modem

anyone interested in my beautiful RF-3466A Harris Universal HF Modem?

http://www.milspec.ca/modems/rf-3466a.html

Some modes it offers:

Narrowband Secure Voice
High-Speed Burst Data
Digital Facsimile
Slow-Scan Television
Multi-Data-Rate Operation
HF, Microwave, Land-Line

my pics:
https://picasaweb.google.com/frank.k2ncc/HarrisRF3466A

Not listed on eBay, but will soon. Thought I'd ask here first since we all
love Harris here. Seven cards inside. Passes all tests.

Please PM me, not reply to this thread, as it might be hours or days before
I notice it.

My info is good on qrz.com

frank in Oregon, K2NCC

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1251. RF-601 Auto Coupler

Yahoo group: harris-radio
Date: 2012-10-18 07:10:47 UTC
From: Stuart
Topic: 1251 Message: 1251

hi group

A fellow VMARS member here in the UK has a problem with the RF-601 Auto coupler that he has purchased, he writes the following, is there any source of spares known, can you help?

There are two motors one to drive the roller coaster the other veriable capacitor.

On the motor :- Astro Mec. Motor inc. 27vdc motor 30TC

Manual :- 1A2A1B1 and 1A2A3B1 motor and pinion assy.mfr.14304 PN 6049-4652.

It would appear that the brake coil in both the motors is open circuit .

Here's hoping that some one has info!

Thanks in advance
Stuart
G0TBI

1252. Re: [harris-radio] RF-601 Auto Coupler

Yahoo group: harris-radio
Date: 2012-10-18 16:09:02 UTC
From: casy_ch@tbwil.ch
Topic: 1251 Message: 1252

Hi Stuart

Has he got the service manual and the schematic?

With a colleague we installed one at his home. It took a while to have
it working correctly. Nevertheless it is a tuner for point to point
traffic and not very useful for a ham who is often changing the frequency.

73 de Jean-Claude, HB3YDH

Am 18.10.2012 09:10, schrieb Stuart:
>
> hi group
>
> A fellow VMARS member here in the UK has a problem with the RF-601
> Auto coupler that he has purchased, he writes the following, is there
> any source of spares known, can you help?
>
> There are two motors one to drive the roller coaster the other
> veriable capacitor.
>
> On the motor :- Astro Mec. Motor inc. 27vdc motor 30TC
>
> Manual :- 1A2A1B1 and 1A2A3B1 motor and pinion assy.mfr.14304 PN
> 6049-4652.
>
> It would appear that the brake coil in both the motors is open circuit .
>
> Here's hoping that some one has info!
>
> Thanks in advance
> Stuart
> G0TBI
>
>

[Non-text portions of this message have been removed]

1253. Question RE: RF-3200 fans

Yahoo group: harris-radio
Date: 2012-10-19 19:46:13 UTC
From: William Watson
Topic: 1253 Message: 1253

My understanding of the fans on the RF-3200 is that they are needed only for continuous FSK operation.
I have not seen mine turn any. Are they "configurable" via configuration programming? I am thinking of just removing them.
Any advice?

Thanks.

Joe

[Non-text portions of this message have been removed]

1254. RE: [harris-radio] Question RE: RF-3200 fans

Yahoo group: harris-radio
Date: 2012-10-19 23:01:36 UTC
From: Roger Waldmiller
Topic: 1253 Message: 1254

Hi Joe:

The 3200's contain a internal fan and will start when the heat sink gets too hot. The sensor for it is on the PA transistor mounting .

There is a optional blower housing that fits over the heat sink fins , this may be the one you are referring too, it aids in keeping the pa cool fore really extended periods of transmitting. It also helps if the unit is mounted in a confined area.

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of William Watson
Sent: Friday, October 19, 2012 3:46 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Question RE: RF-3200 fans

My understanding of the fans on the RF-3200 is that they are needed only for continuous FSK operation.
I have not seen mine turn any. Are they "configurable" via configuration programming? I am thinking of just removing them.
Any advice?

Thanks.

Joe

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1255. Re: [harris-radio] Question RE: RF-3200 fans

Yahoo group: harris-radio
Date: 2012-10-20 01:34:18 UTC
From: William Watson
Topic: 1253 Message: 1255

Thanks and yes, Roger, the one I was asking about is the one that fits over the heat sink fins.
It may start if it gets too hot---I am just not sure that it works.

I suspect if I take the cover off I should be able to find out what the score is re the operation of it. There is surely a sensor or switch of some kind that operate it.

Thanks.

Joe

From: Roger Waldmiller <waldrgr@rochester.rr.com>
To: harris-radio@yahoogroups.com
Sent: Friday, October 19, 2012 6:01 PM
Subject: RE: [harris-radio] Question RE: RF-3200 fans

Hi Joe:

The 3200's contain a internal fan and will start when the heat sink gets
too hot. The sensor for it is on the PA transistor mounting .

There is a optional blower housing that fits over the heat sink fins , this
may be the one you are referring too, it aids in keeping the pa cool fore
really extended periods of transmitting. It also helps if the unit is
mounted in a confined area.

Regards

Roger

Roger w

mailto:waldrgr%40rochester.rr.com

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: mailto:harris-radio%40yahoogroups.com [mailto:mailto:harris-radio%40yahoogroups.com] On
Behalf Of William Watson
Sent: Friday, October 19, 2012 3:46 PM
To: mailto:harris-radio%40yahoogroups.com
Subject: [harris-radio] Question RE: RF-3200 fans

My understanding of the fans on the RF-3200 is that they are needed only for continuous FSK operation.
I have not seen mine turn any. Are they "configurable" via configuration programming? I am thinking of just removing them.
Any advice?

Thanks.

Joe

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1256. RE: [harris-radio] Question RE: RF-3200 fans

Yahoo group: harris-radio
Date: 2012-10-20 15:41:55 UTC
From: Roger Waldmiller
Topic: 1253 Message: 1256

Hi Joe:

The external fans are connected to the LPF bd and use the same sensor as the internal fan . If the internal fans starts , so should the external fans .

The fans are plugged into J4 and J8 on the LPF A4 pwb.

You could also remove/disconnect the external fan assy and connect it to 12v dc to see if it will run.. Do the same for the internal fan then…..

You might also check the internal fan to see if it starts when the pa is hot. Continuously key cw into a dummy load at 1.6 to 2 mhz

If the internal fan runs when conn to the LPF and the unit is hot , then the sensor and internal fan is OK , the external fan should run also.

Do you have a service manual 10212-0300??? Is the unit a 3200E or just 3200?

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of William Watson
Sent: Friday, October 19, 2012 9:34 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Question RE: RF-3200 fans

Thanks and yes, Roger, the one I was asking about is the one that fits over the heat sink fins.
It may start if it gets too hot---I am just not sure that it works.

I suspect if I take the cover off I should be able to find out what the score is re the operation of it. There is surely a sensor or switch of some kind that operate it.

Thanks.

Joe

From: Roger Waldmiller <waldrgr@... <mailto:waldrgr%40rochester.rr.com> >
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Sent: Friday, October 19, 2012 6:01 PM
Subject: RE: [harris-radio] Question RE: RF-3200 fans

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1257. Re: [harris-radio] Question RE: RF-3200 fans

Yahoo group: harris-radio
Date: 2012-10-21 05:11:28 UTC
From: William Watson
Topic: 1253 Message: 1257

Thanks for the info. Yes, I do have a service manual. I have two units, both FR-3200 (not E). One of them seems to be in good working order except the squelch is not working. Do you know if there is an internal adjustment for the squelch? The other unit has low RF output. I fear the output transistors may need replacing. It is not a configuration issue.

Do you know if replacement output final transistors are readily available?

Thanks.

Joe

From: Roger Waldmiller <waldrgr@...>
To: harris-radio@yahoogroups.com
Sent: Saturday, October 20, 2012 10:41 AM
Subject: RE: [harris-radio] Question RE: RF-3200 fans

Hi Joe:

The external fans are connected to the LPF bd and use the same sensor as the internal fan . If the internal fans starts , so should the external fans .

The fans are plugged into J4 and J8 on the LPF A4 pwb.

You could also remove/disconnect the external fan assy and connect it to 12v dc to see if it will run.. Do the same for the internal fan then…..

You might also check the internal fan to see if it starts when the pa is hot. Continuously key cw into a dummy load at 1.6 to 2 mhz

If the internal fan runs when conn to the LPF and the unit is hot , then the sensor and internal fan is OK , the external fan should run also.

Do you have a service manual 10212-0300??? Is the unit a 3200E or just 3200?

Regards

Roger

Roger w

mailto:waldrgr%40rochester.rr.com

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: mailto:harris-radio%40yahoogroups.com [mailto:mailto:harris-radio%40yahoogroups.com]
On Behalf Of William Watson
Sent: Friday, October 19, 2012 9:34 PM
To: mailto:harris-radio%40yahoogroups.com
Subject: Re: [harris-radio] Question RE: RF-3200 fans

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Thanks.

Joe

From: Roger Waldmiller <mailto:waldrgr%40rochester.rr.com
<mailto:waldrgr%40rochester.rr.com> >
To: mailto:harris-radio%40yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Sent: Friday, October 19, 2012 6:01 PM
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Roger w

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k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

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On
Behalf Of William Watson

Sent: Friday, October 19, 2012 3:46 PM
To: mailto:harris-radio%40yahoogroups.com
Subject: [harris-radio] Question RE: RF-3200 fans

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Any advice?

Thanks.

Joe

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[Non-text portions of this message have been removed]

1258. RE: [harris-radio] Question RE: RF-3200 fans

Yahoo group: harris-radio
Date: 2012-10-21 17:31:26 UTC
From: Roger Waldmiller
Topic: 1253 Message: 1258

Hi Joe;

OK , both are the older 3200’s Still good units.

There is no internal SQ adjustment.

Sq function involves the A1 front panel and the A7 logic bds . Substitution of either bd would be 1st thing I would try to narrow it down to what bd is the malfunction on.

On a second thought , the old U6 SRAM on the A7 logic bd has caused many a weird odd non functions in the past , due to contamination Or is just too old . It normally has a 10 year life(10 yrs of unit off time).

If you open up the unit and look at the A7 logic bd (under the option bay) look at the U6 Sram and note the code date. The left 2 digits are the year it was made and is near the year that Harris installed it when it was built.

I would replace it to see if it fixes the SQ. Even if it does not , and the old 1 was over 10 years , replacement was in order.

NOTE: WHEN REPLACEING THE SRAM , THE UNIT WILL DEFAULT ALL SETTING AND CONFIG AND SERIAL NUMBER WILL BE 1 , SO A NEW LEVEL PASS WORD WILL NEED TO BE USED . If your firmware is higher than 120F the password will be 427748 for s/n 1.

You can get the f/w and s/n from the keypad …..just push # button once for f/w, a 2nd for s/n.

If nothing is displayed , f/w is OLD, will need to look on the chips themselves …A7 U7. Newer f/w is available.

AS for low power , ck to see if the exciter output is + 16dbm into a 50 ohm load. Use voice or cw rf voltmeter or sub.

Contact me directly for more troubleshooting

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of William Watson
Sent: Sunday, October 21, 2012 1:11 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Question RE: RF-3200 fans

Thanks for the info. Yes, I do have a service manual. I have two units, both FR-3200 (not E). One of them seems to be in good working order except the squelch is not working. Do you know if there is an internal adjustment for the squelch? The other unit has low RF output. I fear the output transistors may need replacing. It is not a configuration issue.

Do you know if replacement output final transistors are readily available?

Thanks.

Joe

From: Roger Waldmiller <waldrgr@rochester.rr.com <mailto:waldrgr%40rochester.rr.com> >
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Sent: Saturday, October 20, 2012 10:41 AM
Subject: RE: [harris-radio] Question RE: RF-3200 fans

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The fans are plugged into J4 and J8 on the LPF A4 pwb.

You could also remove/disconnect the external fan assy and connect it to 12v dc to see if it will run.. Do the same for the internal fan then…..

You might also check the internal fan to see if it starts when the pa is hot. Continuously key cw into a dummy load at 1.6 to 2 mhz

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Do you have a service manual 10212-0300??? Is the unit a 3200E or just 3200?

Regards

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Roger w

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Rochester NY USA

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On
Behalf Of William Watson
Sent: Friday, October 19, 2012 3:46 PM

To: mailto:harris-radio%40yahoogroups.com
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1259. Re: [harris-radio] Question RE: RF-3200 fans

Yahoo group: harris-radio
Date: 2012-10-21 21:59:18 UTC
From: William Watson
Topic: 1253 Message: 1259

Many thanks for comments, Roger.
I just bought another one on eBay so I now have 3 of them in my stable.
I figure if I am going to learn abaout them I can at least share my experience across a group of 3.

I will have a look at the RAM in the SQ-less unit. When I get the 3rd ne in, I will have enough pieces to do some swapping of boards if I need to.

Joe

From: Roger Waldmiller <waldrgr@rochester.rr.com>
To: harris-radio@yahoogroups.com
Sent: Sunday, October 21, 2012 12:31 PM
Subject: RE: [harris-radio] Question RE: RF-3200 fans

Hi Joe;

OK , both are the older 3200's Still good units.

There is no internal SQ adjustment.

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If nothing is displayed , f/w is OLD, will need to look on the chips themselves …A7 U7. Newer f/w is available.

AS for low power , ck to see if the exciter output is + 16dbm into a 50 ohm load. Use voice or cw rf voltmeter or sub.

Contact me directly for more troubleshooting

Regards

Roger

Roger w

mailto:waldrgr%40rochester.rr.com

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: mailto:harris-radio%40yahoogroups.com [mailto:mailto:harris-radio%40yahoogroups.com] On Behalf Of William Watson
Sent: Sunday, October 21, 2012 1:11 AM
To: mailto:harris-radio%40yahoogroups.com
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To: mailto:harris-radio%40yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Sent: Saturday, October 20, 2012 10:41 AM
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Sent: Friday, October 19, 2012 9:34 PM
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Thanks.

Joe

From: Roger Waldmiller <mailto:waldrgr%40rochester.rr.com <mailto:waldrgr%40rochester.rr.com%20%3cmailto:waldrgr%40rochester.rr.com> <mailto:waldrgr%40rochester.rr.com> >
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Sent: Friday, October 19, 2012 6:01 PM
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Behalf Of William Watson
Sent: Friday, October 19, 2012 3:46 PM
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1260. Harris Falcon RF 5000 system for sale

Yahoo group: harris-radio
Date: 2012-10-22 15:06:03 UTC
From: Frank
Topic: 1260 Message: 1260

I have a Harris Falcon RF 5000 system for sale consisting of the following. RF 5000 ie 5020 R/T the matching 125 amp RF 5032 and the 30 amp power supply RF 50501. Comes with interconnecting cables and a H250 hand set. System is operational and I used it to day no problem good reports. The memory battery needs replacment and the back light is out. $2500.00 plus shipping from Tucson AZ or come and get it. TNX Frank 520-825-1866 leave message.

1261. Re: [harris-radio] Harris Falcon RF 5000 system for sale

Yahoo group: harris-radio
Date: 2012-10-22 17:14:13 UTC
From: Brooke Clarke
Topic: 1260 Message: 1261

Hi Frank:

What cards are in the 5020?

Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

Frank wrote:
> I have a Harris Falcon RF 5000 system for sale consisting of the following. RF 5000 ie 5020 R/T the matching 125 amp RF 5032 and the 30 amp power supply RF 50501. Comes with interconnecting cables and a H250 hand set. System is operational and I used it to day no problem good reports. The memory battery needs replacment and the back light is out. $2500.00 plus shipping from Tucson AZ or come and get it. TNX Frank 520-825-1866 leave message.
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
>

1262. 5022 AMD messaging

Yahoo group: harris-radio
Date: 2012-10-22 18:30:11 UTC
From: Richard Johnson
Topic: 1262 Message: 1262

I recently got an RF-5022 and noticed that in ALE the TX-MSG and RX-MSG that are usually standard on the ALE systems are not present in this 5022 ALE OPT menu. The PRC-138 has them standard and the 5022E also does. I am wondering if anyone has any experience with sending and recieving the AMD text messages with their ALE equipped 5022.Regards allRich JohnsonKI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

[Non-text portions of this message have been removed]

1263. Re: [harris-radio] 5022 AMD messaging

Yahoo group: harris-radio
Date: 2012-10-22 19:05:15 UTC
From: Terry Hines
Topic: 1262 Message: 1263

That option was lost in tha version.

Sent from my iPad

On Oct 22, 2012, at 2:30 PM, Richard Johnson <killroy321@...> wrote:

>
> I recently got an RF-5022 and noticed that in ALE the TX-MSG and RX-MSG that are usually standard on the ALE systems are not present in this 5022 ALE OPT menu. The PRC-138 has them standard and the 5022E also does. I am wondering if anyone has any experience with sending and recieving the AMD text messages with their ALE equipped 5022.Regards allRich JohnsonKI6EZA
>
> www.RichardSJohnson.net
>
> "Those who enjoy freedom must endeavor to preserve it."
>
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

1264. New to group and need connectors

Yahoo group: harris-radio
Date: 2012-10-24 00:03:05 UTC
From: wctaylor@juno.com
Topic: 1264 Message: 1264

Hello all,

I have a RF301 with RF302 antenna tuner, I also have the remote control unit. I'm looking for Deutsch connectors for the radio. The only correct connector I have is on the AC power cable. I had to replace the chassis microphone connector with an ITT/Cannon mil type so I could wire my microphone to it. Luckily one of our local parts stores had a matching set of six pin connectors that fit without changing the size of the hole on the radio.

I have a parts 301 with the 12 volt DC to DC convertor installed. If I can get the proper connectors I want to put it in the complete working unit I have and wire the remote also.

I've had it one the air and got good reports as long as I talk loud enough! With the exception of the fan noise it sounds pretty good and seems to have good sensitivity and holds frequency well enough to use on side band without any trouble.

I'd like to hear from others that have the same rig and if there is anything I need to know about any quirks it might have.

Thanks and 73
Bill
KD4LXC

---
53 Year Old Mom Looks 33
The Stunning Results of Her Wrinkle Trick Has Botox Doctors Worried
http://thirdpartyoffers.juno.com/TGL3141/5087306547415306579d4st03vuc

1265. Re: Harris HF modem

Yahoo group: harris-radio
Date: 2012-10-26 16:49:48 UTC
From: frankk2ncc
Topic: 1248 Message: 1265

SOLD. thanks for all those that replied!

vy 73, de frank k2ncc

1266. 5022 ale self addresses limit?

Yahoo group: harris-radio
Date: 2012-11-04 19:59:46 UTC
From: Richard Johnson
Topic: 1266 Message: 1266

Does the 5022 have a limit of 2 self addresses for ALE? I have tried to program a third and the radio goes through the steps, appears to save it and then when I review self address it is not there.
Or it is it not available via operator interface on the RT screen.
THanks
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

[Non-text portions of this message have been removed]

1267. 5022 display error

Yahoo group: harris-radio
Date: 2012-11-04 20:13:02 UTC
From: Richard Johnson
Topic: 1267 Message: 1267

Ok, I deleted one self address and tried to add the other, the radio replied with allready existing.
Then when I go to ale scand it comes up with this "PRG 1-3 CHAR SLF"

What the heck?
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

[Non-text portions of this message have been removed]

1268. RE: [harris-radio] 5022 display error

Yahoo group: harris-radio
Date: 2012-11-04 20:27:59 UTC
From: D. Emer
Topic: 1267 Message: 1268

It needs a dummy self address use DUM or something like that then it will take the real self addresses. Use a group number you'll never use and don't assign channels
Dud
KK7IF

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Richard Johnson
Sent: Sunday, November 04, 2012 12:13 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] 5022 display error

Ok, I deleted one self address and tried to add the other, the radio replied with allready existing.
Then when I go to ale scand it comes up with this "PRG 1-3 CHAR SLF"

What the heck?
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

[Non-text portions of this message have been removed]

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

1269. RE: [harris-radio] 5022 display error

Yahoo group: harris-radio
Date: 2012-11-04 21:31:23 UTC
From: Richard Johnson
Topic: 1267 Message: 1269

I zeroized and started over and its still doing this. What the the hell, it never did it before I tried to enter a third self address. Now its all FUBAR and It wont recover even after a zero.
I have only set chanel group 1 and one self address it still has this damn error.
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

To: harris-radio@yahoogroups.com
From: dfemer@...
Date: Sun, 4 Nov 2012 12:27:59 -0800
Subject: RE: [harris-radio] 5022 display error

It needs a dummy self address use DUM or something like that then it will
take the real self addresses. Use a group number you'll never use and don't
assign channels
Dud
KK7IF

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of Richard Johnson
Sent: Sunday, November 04, 2012 12:13 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] 5022 display error

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[Non-text portions of this message have been removed]

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www.2mypc.netYahoo! Groups Links

[Non-text portions of this message have been removed]

1270. RE: [harris-radio] 5022 display error

Yahoo group: harris-radio
Date: 2012-11-04 21:42:27 UTC
From: D. Emer
Topic: 1267 Message: 1270

Enter a self address of 3 numbers assign it an unused group. Then program up your real slfadd's. You can only have unique selfaddesses - ie can't use the same slfadd on two different groups.
The first address you program in needs to be a 3 digit number

Dud

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Richard Johnson
Sent: Sunday, November 04, 2012 1:31 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] 5022 display error

I zeroized and started over and its still doing this. What the the hell, it never did it before I tried to enter a third self address. Now its all FUBAR and It wont recover even after a zero.
I have only set chanel group 1 and one self address it still has this damn error.
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

To: harris-radio@yahoogroups.com
From: dfemer@...
Date: Sun, 4 Nov 2012 12:27:59 -0800
Subject: RE: [harris-radio] 5022 display error

It needs a dummy self address use DUM or something like that then it will take the real self addresses. Use a group number you'll never use and don't assign channels
Dud
KK7IF

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Richard Johnson
Sent: Sunday, November 04, 2012 12:13 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] 5022 display error

Ok, I deleted one self address and tried to add the other, the radio replied with allready existing.
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What the heck?
Rich Johnson
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"Those who enjoy freedom must endeavor to preserve it."

[Non-text portions of this message have been removed]

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Do you need a domain name and don't want to pay a lot for it?
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to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

[Non-text portions of this message have been removed]

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to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

1271. RE: [harris-radio] 5022 display error

Yahoo group: harris-radio
Date: 2012-11-04 21:49:43 UTC
From: Richard Johnson
Topic: 1267 Message: 1271

I never had a 3 digit self address before and it worked just fine. Never had this problem before I tried to add a third self address, then it all whent wacky and wont recover.
Why would it was a 3 digit self address, that makes no sense?

Even after a zero it is still doing this. I have tried to use the DUM you suggested and put it on group3 with nothing there and it gives IND NOT PROGRMD

I am ripping my hair out.
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

To: harris-radio@yahoogroups.com
From: dfemer@...
Date: Sun, 4 Nov 2012 13:42:27 -0800
Subject: RE: [harris-radio] 5022 display error

Enter a self address of 3 numbers assign it an unused group. Then program up your real slfadd's. You can only have unique selfaddesses - ie can't use the same slfadd on two different groups.
The first address you program in needs to be a 3 digit number

Dud

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Richard Johnson
Sent: Sunday, November 04, 2012 1:31 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] 5022 display error

I zeroized and started over and its still doing this. What the the hell, it never did it before I tried to enter a third self address. Now its all FUBAR and It wont recover even after a zero.
I have only set chanel group 1 and one self address it still has this damn error.
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

To: harris-radio@yahoogroups.com
From: dfemer@...

Date: Sun, 4 Nov 2012 12:27:59 -0800
Subject: RE: [harris-radio] 5022 display error

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KK7IF

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Richard Johnson
Sent: Sunday, November 04, 2012 12:13 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] 5022 display error

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What the heck?
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

[Non-text portions of this message have been removed]

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

[Non-text portions of this message have been removed]

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Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

[Non-text portions of this message have been removed]

1272. RE: [harris-radio] 5022 display error

Yahoo group: harris-radio
Date: 2012-11-04 22:01:21 UTC
From: Richard Johnson
Topic: 1267 Message: 1272

I really dont have a clue what to do now, I hav 3 self addresses programmed with 3 sets of channel groups one for each and the damn thing still says IND NOT PROGRMD.
What the hell, this is so bizarre. I never had a problem with it before with just two self addresses and now it just wont work and worse it didnt clear out when I zeroed it. That dont make any sense.
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

> To: harris-radio@yahoogroups.com
> From: killroy321@...
> Date: Sun, 4 Nov 2012 13:49:43 -0800
> Subject: RE: [harris-radio] 5022 display error
>
>
> I never had a 3 digit self address before and it worked just fine. Never had this problem before I tried to add a third self address, then it all whent wacky and wont recover.
> Why would it was a 3 digit self address, that makes no sense?
>
> Even after a zero it is still doing this. I have tried to use the DUM you suggested and put it on group3 with nothing there and it gives IND NOT PROGRMD
>
> I am ripping my hair out.
> Rich Johnson
> KI6EZA
>
> www.RichardSJohnson.net
>
> "Those who enjoy freedom must endeavor to preserve it."
>
>
>
>
>
> To: harris-radio@yahoogroups.com
> From: dfemer@...
> Date: Sun, 4 Nov 2012 13:42:27 -0800
> Subject: RE: [harris-radio] 5022 display error
>
>
>
>
>

> Enter a self address of 3 numbers assign it an unused group. Then program up
> your real slfadd's. You can only have unique selfaddesses - ie can't use the
> same slfadd on two different groups.
> The first address you program in needs to be a 3 digit number
>
> Dud
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Richard Johnson
> Sent: Sunday, November 04, 2012 1:31 PM
> To: harris-radio@yahoogroups.com
> Subject: RE: [harris-radio] 5022 display error
>
> I zeroized and started over and its still doing this. What the the hell, it
> never did it before I tried to enter a third self address. Now its all
> FUBAR and It wont recover even after a zero.
> I have only set chanel group 1 and one self address it still has this damn
> error.
> Rich Johnson
> KI6EZA
>
> www.RichardSJohnson.net
>
> "Those who enjoy freedom must endeavor to preserve it."
>
> To: harris-radio@yahoogroups.com
> From: dfemer@...
> Date: Sun, 4 Nov 2012 12:27:59 -0800
> Subject: RE: [harris-radio] 5022 display error
>
> It needs a dummy self address use DUM or something like that then it will
> take the real self addresses. Use a group number you'll never use and don't
> assign channels
> Dud
> KK7IF
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Richard Johnson
> Sent: Sunday, November 04, 2012 12:13 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] 5022 display error
>
> Ok, I deleted one self address and tried to add the other, the radio replied
> with allready existing.
> Then when I go to ale scand it comes up with this "PRG 1-3 CHAR SLF"
>
> What the heck?
> Rich Johnson

> KI6EZA
>
> www.RichardSJohnson.net
>
> "Those who enjoy freedom must endeavor to preserve it."
>
> [Non-text portions of this message have been removed]
>
> ---
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get
> to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
> [Non-text portions of this message have been removed]
>
> ---
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
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> www.2mypc.netYahoo! Groups Links
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ---
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
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> Does your IP change every day or even every hour? and you need a way to get to you PC

from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>

[Non-text portions of this message have been removed]

1273. Re: 5022 display error

Yahoo group: harris-radio
Date: 2012-11-04 22:19:49 UTC
From: Mark
Topic: 1267 Message: 1273

RF-5022 with the A5 card runs Mil-Std-141A ALE.

PRG 1-3 CHAR SLF ADD: This requires a 1, 2, or 3 character self address ... any combination of characters and/or numbers; then assign any channel group with at least 1 channel.
Go ahead and program the self address (up to 19 more) you actually intend to use AFTER you make the 1-3 char self and of course assign a real channel group

PRG IND ADD: Means that you dont have any addresses in the list that you can call. Add an Individual Address with a real channel group and "call as" your self add.

Radio should now be happy.

Mark
N2FYS

--- In harris-radio@yahoogroups.com, Richard Johnson <killroy321@...> wrote:
>
>
> I really dont have a clue what to do now, I hav 3 self addresses programmed with 3 sets of channel groups one for each and the damn thing still says IND NOT PROGRMD.
> What the hell, this is so bizarre. I never had a problem with it before with just two self addresses and now it just wont work and worse it didnt clear out when I zeroed it. That dont make any sense.
> Rich Johnson
> KI6EZA
>
> www.RichardSJohnson.net
>
> "Those who enjoy freedom must endeavor to preserve it."
>
>
>
> > To: harris-radio@yahoogroups.com
> > From: killroy321@...
> > Date: Sun, 4 Nov 2012 13:49:43 -0800
> > Subject: RE: [harris-radio] 5022 display error
> >
> >
> > I never had a 3 digit self address before and it worked just fine. Never had this problem before I tried to add a third self address, then it all whent wacky and wont recover.
> > Why would it was a 3 digit self address, that makes no sense?
> >
> > Even after a zero it is still doing this. I have tried to use the DUM you suggested and put it on group3 with nothing there and it gives IND NOT PROGRMD
> >

> > I am ripping my hair out.
> > Rich Johnson
> > KI6EZA
> >
> > www.RichardSJohnson.net
> >
> > "Those who enjoy freedom must endeavor to preserve it."
> >
> >
> >
> >
> >
> > To: harris-radio@yahoogroups.com
> > From: dfemer@...
> > Date: Sun, 4 Nov 2012 13:42:27 -0800
> > Subject: RE: [harris-radio] 5022 display error
> >
> >
> >
> >
> >
> > Enter a self address of 3 numbers assign it an unused group. Then program up
> > your real slfadd's. You can only have unique selfaddesses - ie can't use the
> > same slfadd on two different groups.
> > The first address you program in needs to be a 3 digit number
> >
> > Dud
> >
> > -----Original Message-----
> > From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> > Behalf Of Richard Johnson
> > Sent: Sunday, November 04, 2012 1:31 PM
> > To: harris-radio@yahoogroups.com
> > Subject: RE: [harris-radio] 5022 display error
> >
> > I zeroized and started over and its still doing this. What the the hell, it
> > never did it before I tried to enter a third self address. Now its all
> > FUBAR and It wont recover even after a zero.
> > I have only set chanel group 1 and one self address it still has this damn
> > error.
> > Rich Johnson
> > KI6EZA
> >
> > www.RichardSJohnson.net
> >
> > "Those who enjoy freedom must endeavor to preserve it."
> >
> > To: harris-radio@yahoogroups.com
> > From: dfemer@...
> > Date: Sun, 4 Nov 2012 12:27:59 -0800

> > Subject: RE: [harris-radio] 5022 display error
> >
> > It needs a dummy self address use DUM or something like that then it will
> > take the real self addresses. Use a group number you'll never use and don't
> > assign channels
> > Dud
> > KK7IF
> >
> > -----Original Message-----
> > From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> > Behalf Of Richard Johnson
> > Sent: Sunday, November 04, 2012 12:13 PM
> > To: harris-radio@yahoogroups.com
> > Subject: [harris-radio] 5022 display error
> >
> > Ok, I deleted one self address and tried to add the other, the radio replied
> > with allready existing.
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> >
> > What the heck?
> > Rich Johnson
> > KI6EZA
> >
> > www.RichardSJohnson.net
> >
> > "Those who enjoy freedom must endeavor to preserve it."
> >
> > [Non-text portions of this message have been removed]
> >
> > ------------------------------------
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?
> > Do you need a domain name and don't want to pay a lot for it?
> > Does your IP change every day or even every hour? and you need a way to get
> > to you PC from outside your home or business?
> >
> > www.2mypc.netYahoo! Groups Links
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> > ------------------------------------
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?
> > Do you need a domain name and don't want to pay a lot for it?

> > Does your IP change every day or even every hour? and you need a way to get
> > to you PC from outside your home or business?
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> > www.2mypc.netYahoo! Groups Links
> >
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ----------
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?
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> > Does your IP change every day or even every hour? and you need a way to get to you PC
from outside your home or business?
> >
> > www.2mypc.netYahoo! Groups Links
> >
> >
> >
>
>
> [Non-text portions of this message have been removed]
>

1274. RF-5022 Address Limits

Yahoo group: harris-radio
Date: 2012-11-04 22:38:07 UTC
From: Mark
Topic: 1274 Message: 1274

RF-5022 with the A5 ALE card supports these addresses:

Self Address = 20. 1 of these MUST be no more than 3 characters long
Individual Address = 200
Net Address = 30. Nets can have up to 30 Members each and members can be assigned to multiple nets

All addresses must be unique. Duplicates will be rejected

Mark
N2FYS

1275. Re: [harris-radio] Re: 5022 display error

Yahoo group: harris-radio
Date: 2012-11-04 22:49:24 UTC
From: Terry Hines
Topic: 1267 Message: 1275

You hit it the error he is getting has nothing to do with the slf address.

Terry

Sent from my iPad

On Nov 4, 2012, at 5:19 PM, "Mark" <seastar@fujiyachts.net> wrote:

>
>
> RF-5022 with the A5 card runs Mil-Std-141A ALE.
>
> PRG 1-3 CHAR SLF ADD: This requires a 1, 2, or 3 character self address ... any combination of characters and/or numbers; then assign any channel group with at least 1 channel.
> Go ahead and program the self address (up to 19 more) you actually intend to use AFTER you make the 1-3 char self and of course assign a real channel group
>
> PRG IND ADD: Means that you dont have any addresses in the list that you can call. Add an Individual Address with a real channel group and "call as" your self add.
>
> Radio should now be happy.
>
> Mark
> N2FYS
>
> --- In harris-radio@yahoogroups.com, Richard Johnson <killroy321@...> wrote:
> >
> >
> > I really dont have a clue what to do now, I hav 3 self addresses programmed with 3 sets of channel groups one for each and the damn thing still says IND NOT PROGRMD.
> > What the hell, this is so bizarre. I never had a problem with it before with just two self addresses and now it just wont work and worse it didnt clear out when I zeroed it. That dont make any sense.
> > Rich Johnson
> > KI6EZA
> >
> > www.RichardSJohnson.net
> >
> > "Those who enjoy freedom must endeavor to preserve it."
> >
> >
> >
> > > To: harris-radio@yahoogroups.com
> > > From: killroy321@...
> > > Date: Sun, 4 Nov 2012 13:49:43 -0800

> > > Subject: RE: [harris-radio] 5022 display error
> > >
> > >
> > > I never had a 3 digit self address before and it worked just fine. Never had this problem before I tried to add a third self address, then it all whent wacky and wont recover.
> > > Why would it was a 3 digit self address, that makes no sense?
> > >
> > > Even after a zero it is still doing this. I have tried to use the DUM you suggested and put it on group3 with nothing there and it gives IND NOT PROGRMD
> > >
> > > I am ripping my hair out.
> > > Rich Johnson
> > > KI6EZA
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> > > www.RichardSJohnson.net
> > >
> > > "Those who enjoy freedom must endeavor to preserve it."
> > >
> > >
> > >
> > >
> > >
> > > To: harris-radio@yahoogroups.com
> > > From: dfemer@...
> > > Date: Sun, 4 Nov 2012 13:42:27 -0800
> > > Subject: RE: [harris-radio] 5022 display error
> > >
> > >
> > >
> > >
> > >
> > > Enter a self address of 3 numbers assign it an unused group. Then program up
> > > your real slfadd's. You can only have unique selfaddesses - ie can't use the
> > > same slfadd on two different groups.
> > > The first address you program in needs to be a 3 digit number
> > >
> > > Dud
> > >
> > > -----Original Message-----
> > > From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> > > Behalf Of Richard Johnson
> > > Sent: Sunday, November 04, 2012 1:31 PM
> > > To: harris-radio@yahoogroups.com
> > > Subject: RE: [harris-radio] 5022 display error
> > >
> > > I zeroized and started over and its still doing this. What the the hell, it
> > > never did it before I tried to enter a third self address. Now its all
> > > FUBAR and It wont recover even after a zero.
> > > I have only set chanel group 1 and one self address it still has this damn

> > > error.
> > > Rich Johnson
> > > KI6EZA
> > >
> > > www.RichardSJohnson.net
> > >
> > > "Those who enjoy freedom must endeavor to preserve it."
> > >
> > > To: harris-radio@yahoogroups.com
> > > From: dfemer@...
> > > Date: Sun, 4 Nov 2012 12:27:59 -0800
> > > Subject: RE: [harris-radio] 5022 display error
> > >
> > > It needs a dummy self address use DUM or something like that then it will
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> > > assign channels
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> > > KK7IF
> > >
> > > -----Original Message-----
> > > From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> > > Behalf Of Richard Johnson
> > > Sent: Sunday, November 04, 2012 12:13 PM
> > > To: harris-radio@yahoogroups.com
> > > Subject: [harris-radio] 5022 display error
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> > > Ok, I deleted one self address and tried to add the other, the radio replied
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> > >
> > > www.RichardSJohnson.net
> > >
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> > >
> > > [Non-text portions of this message have been removed]
> > >
> > > ------------------------------------
> > >
> > > This Group Brought to you by 2mypc
> > >
> > > Are you with an ISP that gives you a dynamic IP?
> > > Do you need a domain name and don't want to pay a lot for it?
> > > Does your IP change every day or even every hour? and you need a way to get
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> > >
> > > www.2mypc.netYahoo! Groups Links

> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > > ------------------------------------
> > >
> > > This Group Brought to you by 2mypc
> > >
> > > Are you with an ISP that gives you a dynamic IP?
> > > Do you need a domain name and don't want to pay a lot for it?
> > > Does your IP change every day or even every hour? and you need a way to get
> > > to you PC from outside your home or business?
> > >
> > > www.2mypc.netYahoo! Groups Links
> > >
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > >
> > >
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> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
> >
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>

[Non-text portions of this message have been removed]

1276. RE: [harris-radio] Re: 5022 display error

Yahoo group: harris-radio
Date: 2012-11-05 01:08:37 UTC
From: Richard Johnson
Topic: 1267 Message: 1276

Thank you guys for the help. I do not have a 5022 manual yet. I was not aware that the 5022 needed the first self address to be a 3 character one. My rig was clear when I got it and I just loaded up my calls and other individuals and got our ale net going. I am not sure why I did not have this problem at first but what ever.
I have it up and going again with a 3letter self in chanel group00 with no assigned channels. Its going on the hflink sounding freqs right now and my own ale net is also back programmed in it.
One bother though, I have various versions of my amature call sign in the rig for self addresses. The one I am using for hflink carries two 00s at the end of it just because I cant reuse a self address with a different channel group. My other versin on this rig carries a QTH behind it because my 138 carries the normal version of my call and both of them are on the ale at one time occasionally so they must be different.

Again, thanks for the help guys, Ive got harris printed on my forhead backwards from banging my head into the rig. :-)
Regards all
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

To: harris-radio@yahoogroups.com
From: ab8al@...
Date: Sun, 4 Nov 2012 17:49:24 -0500
Subject: Re: [harris-radio] Re: 5022 display error

You hit it the error he is getting has nothing to do with the slf address.

Terry

Sent from my iPad

On Nov 4, 2012, at 5:19 PM, "Mark" <seastar@fujiyachts.net> wrote:

>
>
> RF-5022 with the A5 card runs Mil-Std-141A ALE.
>
> PRG 1-3 CHAR SLF ADD: This requires a 1, 2, or 3 character self address ... any combination of characters and/or numbers; then assign any channel group with at least 1 channel.
> Go ahead and program the self address (up to 19 more) you actually intend to use AFTER you make the 1-3 char self and of course assign a real channel group
>
> PRG IND ADD: Means that you dont have any addresses in the list that you can call. Add an

Individual Address with a real channel group and "call as" your self add.
>
> Radio should now be happy.
>
> Mark
> N2FYS
>
> --- In harris-radio@yahoogroups.com, Richard Johnson <killroy321@...> wrote:
> >
> >
> > I really dont have a clue what to do now, I hav 3 self addresses programmed with 3 sets of channel groups one for each and the damn thing still says IND NOT PROGRMD.
> > What the hell, this is so bizarre. I never had a problem with it before with just two self addresses and now it just wont work and worse it didnt clear out when I zeroed it. That dont make any sense.
> > Rich Johnson
> > KI6EZA
> >
> > www.RichardSJohnson.net
> >
> > "Those who enjoy freedom must endeavor to preserve it."
> >
> >
> >
> > > To: harris-radio@yahoogroups.com
> > > From: killroy321@...
> > > Date: Sun, 4 Nov 2012 13:49:43 -0800
> > > Subject: RE: [harris-radio] 5022 display error
> > >
> > >
> > > I never had a 3 digit self address before and it worked just fine. Never had this problem before I tried to add a third self address, then it all whent wacky and wont recover.
> > > Why would it was a 3 digit self address, that makes no sense?
> > >
> > > Even after a zero it is still doing this. I have tried to use the DUM you suggested and put it on group3 with nothing there and it gives IND NOT PROGRMD
> > >
> > > I am ripping my hair out.
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> > >
> > >
> > >
> > >
> > > To: harris-radio@yahoogroups.com

> > > From: dfemer@...
> > > Date: Sun, 4 Nov 2012 13:42:27 -0800
> > > Subject: RE: [harris-radio] 5022 display error
> > >
> > >
> > >
> > >
> > >
> > > Enter a self address of 3 numbers assign it an unused group. Then program up
> > > your real slfadd's. You can only have unique selfaddesses - ie can't use the
> > > same slfadd on two different groups.
> > > The first address you program in needs to be a 3 digit number
> > >
> > > Dud
> > >
> > > -----Original Message-----
> > > From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> > > Behalf Of Richard Johnson
> > > Sent: Sunday, November 04, 2012 1:31 PM
> > > To: harris-radio@yahoogroups.com
> > > Subject: RE: [harris-radio] 5022 display error
> > >
> > > I zeroized and started over and its still doing this. What the the hell, it
> > > never did it before I tried to enter a third self address. Now its all
> > > FUBAR and It wont recover even after a zero.
> > > I have only set chanel group 1 and one self address it still has this damn
> > > error.
> > > Rich Johnson
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> > >
> > > To: harris-radio@yahoogroups.com
> > > From: dfemer@...
> > > Date: Sun, 4 Nov 2012 12:27:59 -0800
> > > Subject: RE: [harris-radio] 5022 display error
> > >
> > > It needs a dummy self address use DUM or something like that then it will
> > > take the real self addresses. Use a group number you'll never use and don't
> > > assign channels
> > > Dud
> > > KK7IF
> > >
> > > -----Original Message-----
> > > From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> > > Behalf Of Richard Johnson
> > > Sent: Sunday, November 04, 2012 12:13 PM
> > > To: harris-radio@yahoogroups.com

> > > Subject: [harris-radio] 5022 display error
> > >
> > > Ok, I deleted one self address and tried to add the other, the radio replied
> > > with allready existing.
> > > Then when I go to ale scand it comes up with this "PRG 1-3 CHAR SLF"
> > >
> > > What the heck?
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> > > www.RichardSJohnson.net
> > >
> > > "Those who enjoy freedom must endeavor to preserve it."
> > >
> > > [Non-text portions of this message have been removed]
> > >
> > > ------------------------------------
> > >
> > > This Group Brought to you by 2mypc
> > >
> > > Are you with an ISP that gives you a dynamic IP?
> > > Do you need a domain name and don't want to pay a lot for it?
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> > >
> >
> >
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>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1277. RE: [harris-radio] Re: 5022 display error

Yahoo group: harris-radio
Date: 2012-11-05 03:40:59 UTC
From: D. Emer
Topic: 1267 Message: 1277

Rich,
Your next problem will be when the memory battery dies and you need the factory password to get into and reprogram the radio - tape it to the back of the 5022 and the 138 or it will die at the most inopportune time (in the field) leaving you looking foolish with a crowd standing around asking "are we in yet?" D.Emer, personal experience, 2004.
Dud
KK7IF

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Richard Johnson
Sent: Sunday, November 04, 2012 5:09 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Re: 5022 display error

Thank you guys for the help. I do not have a 5022 manual yet. I was not aware that the 5022 needed the first self address to be a 3 character one. My rig was clear when I got it and I just loaded up my calls and other individuals and got our ale net going. I am not sure why I did not have this problem at first but what ever.
I have it up and going again with a 3letter self in chanel group00 with no assigned channels. Its going on the hflink sounding freqs right now and my own ale net is also back programmed in it.
One bother though, I have various versions of my amature call sign in the rig for self addresses. The one I am using for hflink carries two 00s at the end of it just because I cant reuse a self address with a different channel group. My other versin on this rig carries a QTH behind it because my 138 carries the normal version of my call and both of them are on the ale at one time occasionally so they must be different.

Again, thanks for the help guys, Ive got harris printed on my forhead backwards from banging my head into the rig. :-)
Regards all
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

To: harris-radio@yahoogroups.com
From: ab8al@...
Date: Sun, 4 Nov 2012 17:49:24 -0500
Subject: Re: [harris-radio] Re: 5022 display error

You hit it the error he is getting has nothing to do with the slf address.

Terry

Sent from my iPad

On Nov 4, 2012, at 5:19 PM, "Mark" <seastar@...> wrote:

>
>
> RF-5022 with the A5 card runs Mil-Std-141A ALE.
>
> PRG 1-3 CHAR SLF ADD: This requires a 1, 2, or 3 character self address
... any combination of characters and/or numbers; then assign any channel
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to use AFTER you make the 1-3 char self and of course assign a real channel
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> Mark
> N2FYS
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wrote:
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> > > From: harris-radio@yahoogroups.com
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> > > Behalf Of Richard Johnson
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> > > To: harris-radio@yahoogroups.com
> > > Subject: RE: [harris-radio] 5022 display error
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> > > "Those who enjoy freedom must endeavor to preserve it."
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> > > [Non-text portions of this message have been removed]
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> > > ------------------------------------
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> > > This Group Brought to you by 2mypc
> > >

> > > Are you with an ISP that gives you a dynamic IP?
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> >
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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

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to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

1278. RE: [harris-radio] Re: 5022 display error

Yahoo group: harris-radio
Date: 2012-11-05 04:10:19 UTC
From: Richard Johnson
Topic: 1267 Message: 1278

Hah, yeah, allready have it taped to them both.
Thanks Dud.
Rich
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

To: harris-radio@yahoogroups.com
From: dfemer@...
Date: Sun, 4 Nov 2012 19:40:59 -0800
Subject: RE: [harris-radio] Re: 5022 display error

Rich,
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Sent: Sunday, November 04, 2012 5:09 PM
To: harris-radio@yahoogroups.com
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To: harris-radio@yahoogroups.com
From: ab8al@...
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Sent from my iPad

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> > > ---
> > >
> > > This Group Brought to you by 2mypc
> > >
> > > Are you with an ISP that gives you a dynamic IP?
> > > Do you need a domain name and don't want to pay a lot for it?
> > > Does your IP change every day or even every hour? and you need a way
to get
> > > to you PC from outside your home or business?
> > >
> > > www.2mypc.netYahoo! Groups Links
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
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> > > ---
> > >

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> > >
> > >
> >
> >
> > [Non-text portions of this message have been removed]
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>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

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www.2mypc.netYahoo! Groups Links

[Non-text portions of this message have been removed]

1279. Harris RF-590 repairs

Yahoo group: harris-radio
Date: 2012-11-06 20:33:45 UTC
From: widemeadow2003
Topic: 1279 Message: 1279

My antenna was near a tree that was struck by lightning. It was grounded and insulated from tree but destroyed. The radio was unplugged at time but now is totally dead. The fuse is intact. Anyone have any thoughts about extent of probable damage and where does one get a radio like this assessed? Thanks for any ideas.

1280. Re: [harris-radio] Harris RF-590 repairs

Yahoo group: harris-radio
Date: 2012-11-06 21:42:43 UTC
From: Terry
Topic: 1279 Message: 1280

I have asked the same question before with no luck. If you find someone please post to the group.

Terry

From: widemeadow2003 <broadmeadow26871@...>
To: harris-radio@yahoogroups.com
Sent: Tuesday, November 6, 2012 3:33 PM
Subject: [harris-radio] Harris RF-590 repairs

My antenna was near a tree that was struck by lightning. It was grounded and insulated from tree but destroyed. The radio was unplugged at time but now is totally dead. The fuse is intact. Anyone have any thoughts about extent of probable damage and where does one get a radio like this assessed? Thanks for any ideas.

[Non-text portions of this message have been removed]

1281. Re: [harris-radio] Harris RF-590 repairs

Yahoo group: harris-radio
Date: 2012-11-07 00:10:58 UTC
From: ka5qep@sbcglobal.net
Topic: 1279 Message: 1281

Does your receiver have a preselector?

----- Original Message -----
From: "widemeadow2003" <broadmeadow26871@...>
To: <harris-radio@yahoogroups.com>
Sent: Tuesday, November 06, 2012 2:33 PM
Subject: [harris-radio] Harris RF-590 repairs

> My antenna was near a tree that was struck by lightning. It was grounded
> and insulated from tree but destroyed. The radio was unplugged at time but
> now is totally dead. The fuse is intact. Anyone have any thoughts about
> extent of probable damage and where does one get a radio like this
> assessed? Thanks for any ideas.
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>
>
> ------------------------------------
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>
> www.2mypc.netYahoo! Groups Links
>
>
>

1282. Re: Harris RF-590 repairs

Yahoo group: harris-radio
Date: 2012-11-07 15:39:09 UTC
From: driftermick
Topic: 1279 Message: 1282

--- In harris-radio@yahoogroups.com, "widemeadow2003" <broadmeadow26871@...> wrote:
>
> My antenna was near a tree that was struck by lightning. It was grounded and insulated from tree but destroyed. The radio was unplugged at time but now is totally dead. The fuse is intact. Anyone have any thoughts about extent of probable damage and where does one get a radio like this assessed? Thanks for any ideas.
>

http://www.american-milspec.com

Check his web site for repair info. I have not
used his repair service, but I'm a long time
parts buyer. Good guy. Post how you make out.

Drifter..

1283. Re: Harris RF-590 repairs

Yahoo group: harris-radio
Date: 2012-11-07 15:52:12 UTC
From: Tisha Hayes
Topic: 1279 Message: 1283

Wow, sorry to hear about the lightning damage. It can vary from something straightforward like a power supply problem up to complete destruction of the microprocessor or synthesizer.

I doubt you are ready, willing or able to send the radio up to Rochester for a stem-to-stern troubleshooting and repair and that could easily run into thousands of dollars. I suggest going through the radio and troubleshooting from the power supply and then into more complex (and expensive) systems. It is unlikely that you have a bench spare so you can test individual modules. Unless you are incredibly fortunate I do not see this going well.

There may be some folks on-list who would be willing to take on the challenge. You very well may find that once you fix one problem you will identify a half-dozen more. Lightning damage troubleshooting works like that, it is the reason on why so many manufacturers recommend wholesale replacement.

Given time, talent and parts, you can make just about anything work, as long as it is not visibly emitting open flames. A '590 is not an easy radio to start out on for troubleshooting if you do not have a solid understanding of troubleshooting technique, the proper test gear and good manuals.

--
Ms. Tisha Hayes/ AA4HA

"In this denial of the right to participate in government, not merely the degradation of woman and the perpetuation of a great injustice happens, but the maiming and repudiation of one-half of the moral and intellectual power of the government of the world." -- Fredrick Douglass, 1848

[Non-text portions of this message have been removed]

1284. RE: [harris-radio] Re: Harris RF-590 repairs

Yahoo group: harris-radio
Date: 2012-11-07 19:30:37 UTC
From: Brad Williams
Topic: 1279 Message: 1284

Thanks for a helpful and insightful reply, I have a friend here in Nashville who has repairs studio equipment and has fixed some of my vintage portable shortwaves, I'll try to twist his arm to take a look.

To: harris-radio@yahoogroups.com
From: Tisha.Hayes@...
Date: Wed, 7 Nov 2012 09:52:12 -0600
Subject: [harris-radio] Re: Harris RF-590 repairs

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1285. RE: [harris-radio] Re: Harris RF-590 repairs

Yahoo group: harris-radio
Date: 2012-11-07 19:31:12 UTC
From: Brad Williams
Topic: 1279 Message: 1285

Thanks.

To: harris-radio@yahoogroups.com
From: driftermick@...
Date: Wed, 7 Nov 2012 15:39:09 +0000
Subject: [harris-radio] Re: Harris RF-590 repairs

--- In harris-radio@yahoogroups.com, "widemeadow2003" <broadmeadow26871@...> wrote:
>
> My antenna was near a tree that was struck by lightning. It was grounded and insulated from tree but destroyed. The radio was unplugged at time but now is totally dead. The fuse is intact. Anyone have any thoughts about extent of probable damage and where does one get a radio like this assessed? Thanks for any ideas.
>

http://www.american-milspec.com

Check his web site for repair info. I have not
used his repair service, but I'm a long time
parts buyer. Good guy. Post how you make out.

Drifter..

[Non-text portions of this message have been removed]

1286. RF-230MC

Yahoo group: harris-radio
Date: 2012-11-08 16:18:15 UTC
From: Norman
Topic: 1286 Message: 1286

Group,

I have a RF-230MC. What is the difference between this model and other units such as the RF-230 and RF-230M? Also I have had several reports that my SSB is distorted.
Any help would be appreciated.
73, Norman WB4VYW

1287. HF Interoperability Training Exercise AOTAW November 2012

Yahoo group: harris-radio
Date: 2012-11-13 12:24:29 UTC
From: expeditionradio
Topic: 1287 Message: 1287

For those who have Harris ALE radios, this
may be of interest.

The HF Interoperability Exercise, AOTAW 2012,
ALE On The Air Week, ended late last night.

It has been a huge success. Many radio
operators have recently become ALE operators.
Everyone has been able to test their ALE stations
and become more proficient on the air.

The activity during this event is higher
than we have seen in past years. This shows that
interest in ALE among the ham community is
increasing substantially, and the number of
ALE-capable stations is growing.

Congratulations to all the new ALE ops!
And thanks to all the experienced ALE operators
who put stations on the air for this event.

We would especially like to thank all the elmers
and mentors who turned out in the ALE Comm Center
Chat Room to help and encourage other operators.

All participants will be eligible for Certificates.
The Certificates will be issued after all
the HFN Activity Logs are processed. This
may take some time. There will be an announcement
on HFLINK forum when the Certificates are issued.

If your callsign has not appeared on one of
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but you did participate in the event, please reply
by direct email to this message.
Please list your callsign and time/date
you transmitted ALE on the air.
Your callsign will be added to the archive.

When will the next HF Interoperability Event
happen? Perhaps in April or May 2013?

Bonnie Crystal KQ6XA VR2KQ6XA
International Coordinator
Global ALE High Frequency Network
http://hflink.net

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> STARTED: Friday 02 November 2012
> ENDED: Monday 12 November 2012
>
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>
> Meet in the ALE COMM CENTER: http://hflink.net
>
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> worldwide use Interoperable HF communications.
> Hams also can use the same Interoperability Standard.
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> NALE (Non-Automatic Link Establishment)
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>
> The experience gained by operator participation
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>
> FREQUENCIES
> ==========
> GLOBAL ALE HIGH FREQUENCY NETWORK (NETCALL= HFN)
> ==========
> ==KHZ==SSB===COMMON USE========(NOTES)===
> 03596.0 USB DATA/SOUNDING
> 05371.5 USB DATA ....(Some countries)
> 07049.5 USB DATA ....(Some countries)
> 07102.0 USB DATA/SOUNDING
> 10145.5 USB DATA/SOUNDING
> 14109.0 USB DATA/SOUNDING
> 18106.0 USB DATA/SOUNDING
> 21096.0 USB DATA/SOUNDING
> 24926.0 USB DATA/SOUNDING
> 28146.0 USB DATA/SOUNDING
>
> ==========
> INTERNATIONAL ALE SSB VOICE NET (NETCALL= HFL)
> ==========
> ==KHZ==SSB===COMMON USE========(NOTES)===
> 03791.0 USB VOICE-SSB
> 03845.0 USB VOICE-SSB.......(North America East)
> 03996.0 USB VOICE-SSB.......(North America West)
> 05371.5 USB VOICE-SSB.......(Some countries)
> 07185.5 USB VOICE-SSB
> 07296.0 USB VOICE-SSB.......(North America West)

> 14346.0 USB VOICE-SSB
> 18117.5 USB VOICE-SSB
> 21432.5 USB VOICE-SSB
> 24932.0 USB VOICE-SSB
> 28312.5 USB VOICE-SSB
>
>
> ====
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> International Coordinator
> Global ALE High Frequency Network
> http://hflink.net
> http://hflink.com
> .
>

1288. Re: [harris-radio] HF Interoperability Training Exercise AOTAW November 2012

Yahoo group: harris-radio
Date: 2012-11-13 13:51:01 UTC
From: Terry
Topic: 1287 Message: 1288

I found nothing of interest for Harris ALE what exactly was supposed to be?

Terry
AB8AL

From: expeditionradio <expeditionradio@...>
To: harris-radio@yahoogroups.com
Sent: Tuesday, November 13, 2012 7:24 AM
Subject: [harris-radio] HF Interoperability Training Exercise AOTAW November 2012

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> ==========
> GLOBAL ALE HIGH FREQUENCY NETWORK (NETCALL= HFN)
> ==========
> ==KHZ==SSB===COMMON USE========(NOTES)===
> 03596.0 USB DATA/SOUNDING
> 05371.5 USB DATA ....(Some countries)
> 07049.5 USB DATA ....(Some countries)
> 07102.0 USB DATA/SOUNDING
> 10145.5 USB DATA/SOUNDING
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> 21096.0 USB DATA/SOUNDING
> 24926.0 USB DATA/SOUNDING
> 28146.0 USB DATA/SOUNDING

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>
> ==================================================
> INTERNATIONAL ALE SSB VOICE NET (NETCALL= HFL)
> ==================================================
> ==KHZ==SSB===COMMON USE========(NOTES)===
> 03791.0 USB VOICE-SSB
> 03845.0 USB VOICE-SSB.......(North America East)
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> 28312.5 USB VOICE-SSB
>
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> http://hflink.net/
> http://hflink.com
> .
>
```

[Non-text portions of this message have been removed]

1289. Re: [harris-radio] HF Interoperability Training Exercise AOTAW November 2012

Yahoo group: harris-radio
Date: 2012-11-13 13:55:23 UTC
From: Terry
Topic: 1287 Message: 1289

Now I see, you posted your spam to the harris site.

Terry
AB8AL

From: expeditionradio <expeditionradio@...>
To: harris-radio@yahoogroups.com
Sent: Tuesday, November 13, 2012 7:24 AM
Subject: [harris-radio] HF Interoperability Training Exercise AOTAW November 2012

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> ==========
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> ==================================================
> INTERNATIONAL ALE SSB VOICE NET (NETCALL= HFL)
> ==================================================
> ==KHZ==SSB===COMMON USE========(NOTES)===
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> 28312.5 USB VOICE-SSB
>
>
> ====
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> http://hflink.net/
> http://hflink.com
> .
>
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[Non-text portions of this message have been removed]

1290. RE: [harris-radio] HF Interoperability Training Exercise AOTAW November 2012

Yahoo group: harris-radio
Date: 2012-11-13 14:43:56 UTC
From: W2HX
Topic: 1287 Message: 1290

Why is this spam? Seems pretty related to this list as several harris radios support ALE. Sounds like a very interesting excercise. I was interested.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Terry
Sent: Tuesday, November 13, 2012 8:55 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] HF Interoperability Training Exercise AOTAW November 2012

Now I see, you posted your spam to the harris site.

Terry
AB8AL

From: expeditionradio <expeditionradio@...<mailto:expeditionradio%40yahoo.com>>
To: harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>
Sent: Tuesday, November 13, 2012 7:24 AM
Subject: [harris-radio] HF Interoperability Training Exercise AOTAW November 2012

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> ==KHZ==SSB===COMMON USE========(NOTES)===

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> 05371.5 USB DATA ...........(Some countries)
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> ================================================
> INTERNATIONAL ALE SSB VOICE NET (NETCALL= HFL)
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> ==KHZ==SSB===COMMON USE========(NOTES)===
> 03791.0 USB VOICE-SSB
> 03845.0 USB VOICE-SSB.......(North America East)
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> 07296.0 USB VOICE-SSB.......(North America West)
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> 21432.5 USB VOICE-SSB
> 24932.0 USB VOICE-SSB
> 28312.5 USB VOICE-SSB
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> ====
> Bonnie Crystal KQ6XA VR2KQ6XA
> International Coordinator
> Global ALE High Frequency Network
> http://hflink.net/
> http://hflink.com
> .
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[Non-text portions of this message have been removed]

1291. Harris RF-550 A2A7 Frequency Std.

Yahoo group: harris-radio
Date: 2012-11-13 22:27:19 UTC
From: John Watkins
Topic: 1287 Message: 1291

Does anyone have one of these surplus to there needs? Trying to get mine to work, but would be handy to have a working one to compare to. Some one was going to send me one, but haven't heard from them.

Thanks,

John WD5ENU

[Non-text portions of this message have been removed]

1292. Coupler RF-5382H compatability ?

Yahoo group: harris-radio
Date: 2012-11-15 22:41:49 UTC
From: Stuartjmckinnon@aol.com
Topic: 1292 Message: 1292

Hi Group

Can anyone tell me if this coupler is compatible with the RT-138, or should I call it an RT-1694?

The RF-5382H coupler

Stuart
G0TBI

[Non-text portions of this message have been removed]

1293. RE: [harris-radio] Coupler RF-5382H compatability ?

Yahoo group: harris-radio
Date: 2012-11-16 19:03:15 UTC
From: Roger Waldmiller
Topic: 1292 Message: 1293

Hi

The RF5382 H coupler is a completely redesigned external coupler for the 125w 5000 systems. Bowman series.

It is rated at 150watts I believe where as the 382 was 500w.

If a Rf138/Rt1694 were driving a 5832 power ampl, I think a Rf5382 would work.

I think the 138/1694 would need the latest F/W also. Rf 5800 series??

Anyone in the group help further.?

Regards

Roger

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Stuartjmckinnon@...
Sent: Thursday, November 15, 2012 5:42 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Coupler RF-5382H compatability ?

Hi Group

Can anyone tell me if this coupler is compatible with the RT-138, or should I call it an RT-1694?

The RF-5382H coupler

Stuart
G0TBI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1294. Re: Coupler RF-5382H compatability ?

Yahoo group: harris-radio
Date: 2012-11-16 20:39:35 UTC
From: Mark
Topic: 1292 Message: 1294

If I'm not mistaken, the RF-5382 Coupler won't work with the older radios.
This little coupler is a lot smarter than the 382, and the older radios never learned how to deal with that. This is unrelated to which amplifier is used with it; control for the coupler is from the radio.

The 138 I don't think could be upgraded to handle it, the 1694 perhaps could. As Roger says ... the radio would need to be from the RF-5800 series

Mark

--- In harris-radio@yahoogroups.com, "Roger Waldmiller" <waldrgr@...> wrote:
>
> Hi
>
> The RF5382 H coupler is a completely redesigned external coupler for the
> 125w 5000 systems. Bowman series.
>
> It is rated at 150watts I believe where as the 382 was 500w.
>
> If a Rf138/Rt1694 were driving a 5832 power ampl, I think a Rf5382 would
> work.
>
> I think the 138/1694 would need the latest F/W also. Rf 5800 series??
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>
> Anyone in the group help further.?
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>
> Regards
>
> Roger
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>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Stuartjmckinnon@...
> Sent: Thursday, November 15, 2012 5:42 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] Coupler RF-5382H compatability ?
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> Hi Group
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> Can anyone tell me if this coupler is compatible with the RT-138, or should
> I call it an RT-1694?
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>
> The RF-5382H coupler
>
> Stuart
> G0TBI
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> [Non-text portions of this message have been removed]
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1295. RF-230MC

Yahoo group: harris-radio
Date: 2012-11-17 01:40:39 UTC
From: Norman
Topic: 1286 Message: 1295

What is the difference between the RF-230MC (the one I have) and the RF-230? Also how much trouble to add LSB? Thank you for your help.
Norman, WB4VYQ

1296. Re: Coupler RF-5382H compatability ?

Yahoo group: harris-radio
Date: 2012-11-18 17:25:14 UTC
From: djinni442
Topic: 1292 Message: 1296

Is there any interface/repair data available for the 5328? The RF-382 couplers use a rather simple interface with the PA doing all the work converting discrete lines to a datastream for the radio. I wonder if the 5328 couldn't be adapted fairly easily.

--- In harris-radio@yahoogroups.com, "Mark" <seastar@...> wrote:
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>
> If I'm not mistaken, the RF-5382 Coupler won't work with the older radios.
> This little coupler is a lot smarter than the 382, and the older radios never learned how to deal with that. This is unrelated to which amplifier is used with it; control for the coupler is from the radio.
>
> The 138 I don't think could be upgraded to handle it, the 1694 perhaps could. As Roger says ... the radio would need to be from the RF-5800 series
>
> Mark
>
> --- In harris-radio@yahoogroups.com, "Roger Waldmiller" <waldrgr@> wrote:
> >
> > Hi
> >
> > The RF5382 H coupler is a completely redesigned external coupler for the
> > 125w 5000 systems. Bowman series.
> >
> > It is rated at 150watts I believe where as the 382 was 500w.
> >
> > If a Rf138/Rt1694 were driving a 5832 power ampl, I think a Rf5382 would
> > work.
> >
> > I think the 138/1694 would need the latest F/W also. Rf 5800 series??
> >
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> >
> > Anyone in the group help further.?
> >
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> >
> > Regards
> >
> > Roger
> >

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> >
> > From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> > Behalf Of Stuartjmckinnon@
> > Sent: Thursday, November 15, 2012 5:42 PM
> > To: harris-radio@yahoogroups.com
> > Subject: [harris-radio] Coupler RF-5382H compatability ?
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> > Hi Group
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> > Can anyone tell me if this coupler is compatible with the RT-138, or should
> > I call it an RT-1694?
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> >
> > The RF-5382H coupler
> >
> > Stuart
> > G0TBI
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> > [Non-text portions of this message have been removed]
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1297. looking for rf-5000 mount

Yahoo group: harris-radio
Date: 2012-11-24 00:16:14 UTC
From: Richard Johnson
Topic: 1297 Message: 1297

The mount I am searching for holds the rf-5000 and the 125w amp side by side, or the 125w amp and the power supply. One of the part numbers for this mount is RF-5072. Contact me direct if you have one you will sell or trade for.
Regards
Rich Johnson

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

[Non-text portions of this message have been removed]

1298. Re: Harris RF-590 repairs

Yahoo group: harris-radio
Date: 2012-11-26 17:52:08 UTC
From: w4jda
Topic: 1279 Message: 1298

--- In harris-radio@yahoogroups.com, "driftermick" <driftermick@...> wrote:
>I have repaired several RF-590 as a hobby and currently have 7 or 8 nice ones and some modules and parts. I'm not a technician, just reasonably knowledgeable retiree who appreciates this premium equipment. Got interested from Mac in Texas who tried to corner the world market in Harris HF gear but sold me my first RF-590.I don't charge anything for board level work but would if had to replace with new module. FedEx is the big winner since these are heavy and need secure packing. I would only accept as a last resort and prefer you search for a commercial repair facility. Gilbert
>
>
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>
> --- In harris-radio@yahoogroups.com, "widemeadow2003" <broadmeadow26871@> wrote:
> >
> > My antenna was near a tree that was struck by lightning. It was grounded and insulated from tree but destroyed. The radio was unplugged at time but now is totally dead. The fuse is intact. Anyone have any thoughts about extent of probable damage and where does one get a radio like this assessed? Thanks for any ideas.
> >
>
> http://www.american-milspec.com
>
> Check his web site for repair info. I have not
> used his repair service, but I'm a long time
> parts buyer. Good guy. Post how you make out.
>
> Drifter..
>

1299. RE: [harris-radio] Re: Harris RF-590 repairs

Yahoo group: harris-radio
Date: 2012-11-27 00:21:38 UTC
From: Brad Williams
Topic: 1279 Message: 1299

Gilbert,Thanks for reply and kind offer. I have a retired former TV/radio repairman here in Nashville who is a total whiz with all my old tube radios (Collins R390A and ANGRR5's) that has agreed to take a look, but he doesn't like the solid state stuff. Let me see if he can determine nature of problem as I try to sort this out. Brad

To: harris-radio@yahoogroups.com
From: gibharris@...
Date: Mon, 26 Nov 2012 17:52:08 +0000
Subject: [harris-radio] Re: Harris RF-590 repairs

--- In harris-radio@yahoogroups.com, "driftermick" <driftermick@...> wrote:

>I have repaired several RF-590 as a hobby and currently have 7 or 8 nice ones and some modules and parts. I'm not a technician, just reasonably knowledgeable retiree who appreciates this premium equipment. Got interested from Mac in Texas who tried to corner the world market in Harris HF gear but sold me my first RF-590.I don't charge anything for board level work but would if had to replace with new module. FedEx is the big winner since these are heavy and need secure packing. I would only accept as a last resort and prefer you search for a commercial repair facility. Gilbert

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> --- In harris-radio@yahoogroups.com, "widemeadow2003" <broadmeadow26871@> wrote:

> >

> > My antenna was near a tree that was struck by lightning. It was grounded and insulated from tree but destroyed. The radio was unplugged at time but now is totally dead. The fuse is intact. Anyone have any thoughts about extent of probable damage and where does one get a radio like this assessed? Thanks for any ideas.

> >

>

> http://www.american-milspec.com

>

> Check his web site for repair info. I have not

> used his repair service, but I'm a long time

> parts buyer. Good guy. Post how you make out.

>

> Drifter..

>

[Non-text portions of this message have been removed]

1300. R-2368/RF-590A help

Yahoo group: harris-radio
Date: 2012-11-27 23:56:49 UTC
From: vk5abc
Topic: 1300 Message: 1300

Hello All

Does anyone have a spare shaft encoder for the R-2368/RF-590A receiver.
Last time I checked Fair radio did not have any and Toronto just told me they don't have any.

73's Lee VK5ABC

1301. Re: Coupler RF-5382H compatability ?

Yahoo group: harris-radio
Date: 2012-11-30 01:55:47 UTC
From: Steve
Topic: 1292 Message: 1301

Sorry, the RF-5382 is operated by serial data only, there are fault lines as well but no way to control the coupler other than the command string.

Steve KD2OM

--- In harris-radio@yahoogroups.com, "djinni442" <djinni442@...> wrote:
>
>
> Is there any interface/repair data available for the 5328? The RF-382 couplers use a rather simple interface with the PA doing all the work converting discrete lines to a datastream for the radio. I wonder if the 5328 couldn't be adapted fairly easily.
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> --- In harris-radio@yahoogroups.com, "Mark" <seastar@> wrote:
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> > This little coupler is a lot smarter than the 382, and the older radios never learned how to deal with that. This is unrelated to which amplifier is used with it; control for the coupler is from the radio.
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> > The 138 I don't think could be upgraded to handle it, the 1694 perhaps could. As Roger says ... the radio would need to be from the RF-5800 series
> >
> > Mark
> >
> > --- In harris-radio@yahoogroups.com, "Roger Waldmiller" <waldrgr@> wrote:
> > >
> > > Hi
> > >
> > > The RF5382 H coupler is a completely redesigned external coupler for the
> > > 125w 5000 systems. Bowman series.
> > >
> > > It is rated at 150watts I believe where as the 382 was 500w.
> > >
> > > If a Rf138/Rt1694 were driving a 5832 power ampl, I think a Rf5382 would
> > > work.
> > >
> > > I think the 138/1694 would need the latest F/W also. Rf 5800 series??
> > >

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> > > Anyone in the group help further.?
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> > > Regards
> > >
> > > Roger
> > >
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> > >
> > > From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> > > Behalf Of Stuartjmckinnon@
> > > Sent: Thursday, November 15, 2012 5:42 PM
> > > To: harris-radio@yahoogroups.com
> > > Subject: [harris-radio] Coupler RF-5382H compatability ?
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> > > Stuart
> > > G0TBI
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1302. RE: [harris-radio] Re: Harris RF-590 repairs

Yahoo group: harris-radio
Date: 2012-12-03 02:35:25 UTC
From: Brad Williams
Topic: 1279 Message: 1302

I got the RF=590 to my radio repair guy today. He used to be part of music scene and is somewhat of local legend on steel guitar in Nashville. I had checked fuse but he said "you can't always tell just by looking" and put meter on it and said "wide open bad". After rummaging for a minute he stuck in a new one and the set came back to life. He informed me how lucky I had been and I smiled all the way home. I will never again leave any antennas attached to my premium radios (nor leave them plugged in). Once burned, twice learned. That's my story and I'm sticking to it. Happy holidays everybody.

> To: harris-radio@yahoogroups.com
> From: broadmeadow26871@...
> Date: Mon, 26 Nov 2012 18:21:38 -0600
> Subject: RE: [harris-radio] Re: Harris RF-590 repairs
>
>
> Gilbert,Thanks for reply and kind offer. I have a retired former TV/radio repairman here in Nashville who is a total whiz with all my old tube radios (Collins R390A and ANGRR5's) that has agreed to take a look, but he doesn't like the solid state stuff. Let me see if he can determine nature of problem as I try to sort this out. Brad
>
> To: harris-radio@yahoogroups.com
> From: gibharris@...
> Date: Mon, 26 Nov 2012 17:52:08 +0000
> Subject: [harris-radio] Re: Harris RF-590 repairs
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> --- In harris-radio@yahoogroups.com, "driftermick" <driftermick@...> wrote:
>
> >I have repaired several RF-590 as a hobby and currently have 7 or 8 nice ones and some modules and parts. I'm not a technician, just reasonably knowledgeable retiree who appreciates this premium equipment. Got interested from Mac in Texas who tried to corner the world market in Harris HF gear but sold me my first RF-590.I don't charge anything for board level work but would if had to replace with new module. FedEx is the big winner since these are heavy and need secure packing. I would only accept as a last resort and prefer you search for a commercial repair facility. Gilbert
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> > > My antenna was near a tree that was struck by lightning. It was grounded and insulated from tree but destroyed. The radio was unplugged at time but now is totally dead. The fuse is intact. Anyone have any thoughts about extent of probable damage and where does one get a radio like this assessed? Thanks for any ideas.
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> > http://www.american-milspec.com
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> > Check his web site for repair info. I have not
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> > used his repair service, but I'm a long time
>
> > parts buyer. Good guy. Post how you make out.
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> > Drifter..
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>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
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[Non-text portions of this message have been removed]

1303. RF-1310 HF exciter/transmitter available

Yahoo group: harris-radio
Date: 2012-12-04 12:42:53 UTC
From: w4jda
Topic: 1303 Message: 1303

A very nice tested one on auction site. Matches RF-590 series premium receivers.

1304. Re: [harris-radio] RF-1310 HF exciter/transmitter available

Yahoo group: harris-radio
Date: 2012-12-04 15:11:58 UTC
From: Terry
Topic: 1303 Message: 1304

Last 2 I saw on ebay. went for under $900 shipped. I purchased 1 and works 100% so the starting bid is way to high even with the $100 from 1st listing drop.
good luck.

Terry
AB8AL

From: w4jda <gibharris@hotmail.com>
To: harris-radio@yahoogroups.com
Sent: Tuesday, December 4, 2012 7:42 AM
Subject: [harris-radio] RF-1310 HF exciter/transmitter available

A very nice tested one on auction site. Matches RF-590 series premium receivers.

[Non-text portions of this message have been removed]

1305. AM-7223/URC power increase

Yahoo group: harris-radio
Date: 2012-12-04 18:58:31 UTC
From: Tom
Topic: 1305 Message: 1305

Does anyone in the Group have a procedure for increasing the max output of the AM-7223/URC amplifier (driven by and RT-1446 a/k/a RF-350)? It seems like it is very conservatively rated.

Thanks,
Tom
AFA1IR

1306. Looking for Harris power cable, PRC-138 related

Yahoo group: harris-radio
Date: 2012-12-04 20:36:24 UTC
From: wyocommo
Topic: 1306 Message: 1306

Hello all,
Looking for a couple of Harris power cables, 10181-9833. These are the cables that typically would be used between the 125 watt amplifier and the RF5051 power supply.
tnx,
Mark
AK7MW

1307. P7370 handheld pinout

Yahoo group: harris-radio
Date: 2012-12-05 16:47:15 UTC
From: trinitybjc
Topic: 1307 Message: 1307

Hello to the group.
Can anyone help me with the pinout for the accessary port on the side of this radio?
Thanks
Bill

1308. P7370 handheld pinout

Yahoo group: harris-radio
Date: 2012-12-05 17:43:56 UTC
From: trinitybjc
Topic: 1307 Message: 1308

Hello to the group.
Can anyone help me with the pinout for the accessary port on the side of this radio?
Thanks
Bill

1309. Wanted: Harris RF-654 Multicoupler, RF-590(A) and RF110(A) parts

Yahoo group: harris-radio
Date: 2012-12-10 01:25:34 UTC
From: Berndt Josef Wulf
Topic: 1309 Message: 1309

G'day,

I'm still looking for a Harris RF-654 antenna multicoupler. Also on my wish list are a RF-590(A) speaker, RF-590(A) audio amplifier board and RF-110A HV fuseholder.

Please contact me off-list if you have or know someone who has any of these items for sale.

73, Berndt
VK5ABN

1310. Harris R-2368 A14 Control Board needed. Maybe RF-590A A14

Yahoo group: harris-radio
Date: 2012-12-10 14:59:42 UTC
From: w4jda
Topic: 1310 Message: 1310

Sure could use one, preferably known working but unknown might be ok. An RF-590A A14 might get rig going to some degree. Thanks. Gilbert

1311. RF-601A with Quad Antenna

Yahoo group: harris-radio
Date: 2012-12-13 04:59:59 UTC
From: hanacns
Topic: 1311 Message: 1311

Hello Group,

Recently I acquired a set of RF-601A Antenna Coupler and controller (but, doesn't have control cable). This one has RF-625A Long Wire Adapter as well.

My question is that this one could be used with my 2ele Quad or other type of beam antenna instead of wire. If I can't use it with my quad, I will let it go.

Any comment will be appreciated.

Josh

1312. Harris alpha 2000a

Yahoo group: harris-radio
Date: 2012-12-20 04:57:14 UTC
From: eh
Topic: 1312 Message: 1312

Anyone has a sch. i can buy for this unit! Think it has a control problem! Tnx, Ed K5AH

1313. Test Fixture RF-3200

Yahoo group: harris-radio
Date: 2012-12-20 14:01:16 UTC
From: n4be_jim
Topic: 1311 Message: 1313

I saw this posted on the old RF-3200 yahoo group. Im Reposting it here. Please email raining directly at his Harris email below if you can help.
Thanks,
Jim Miller

1 Test Fixture Documentation
Wed Dec 19, 2012 2:27 pm (PST) . Posted by: "rzinni" rzinni Hello,

My name is Rick Zinni and I work for Harris RFCD in Rochester, NY.

I have a customer that is using the RF-3200 Radio system and requested test materials for it.

Unfortunately I can't find any of the Test Fixture information.

I was told that some of you may have some of the TF documentation.

If please send me an email at rzinni@harris.com. I have a summary file of Test Procedures and associated Test Fixtures that I could reference to see if you had what I need.

I would be very grateful for any help.

Regards,

Rick

1314. RE: [harris-radio] Test Fixture RF-3200

Yahoo group: harris-radio
Date: 2012-12-20 15:29:14 UTC
From: Roger Waldmiller
Topic: 1311 Message: 1314

THX Jim N4BE

I just did

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of n4be_jim
Sent: Thursday, December 20, 2012 9:01 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Test Fixture RF-3200

I saw this posted on the old RF-3200 yahoo group. Im Reposting it here.
Please email raining directly at his Harris email below if you can help.
Thanks,
Jim Miller

1 Test Fixture Documentation
Wed Dec 19, 2012 2:27 pm (PST) . Posted by: "rzinni" rzinni Hello,

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I have a customer that is using the RF-3200 Radio system and requested test materials for it.

Unfortunately I can't find any of the Test Fixture information.

I was told that some of you may have some of the TF documentation.

If please send me an email at rzinni@... <mailto:rzinni%40harris.com>
. I have a summary file of Test Procedures and associated Test Fixtures that I could reference to see if you had what I need.

I would be very grateful for any help.

Regards,

Rick

[Non-text portions of this message have been removed]

1315. Re: Test Fixture RF-3200

Yahoo group: harris-radio
Date: 2012-12-20 19:57:48 UTC
From: boblafrank
Topic: 1311 Message: 1315

Hey Rick

Send me an email AT POWERSUPPLYGUY@.... I may be able to put you in touch with somebody who may have the materials you are looking for.

regards,
Bob
N9NEO

--- In harris-radio@yahoogroups.com, "n4be_jim" <n4be_jim@...> wrote:
>
>
> I saw this posted on the old RF-3200 yahoo group. Im Reposting it here. Please email raining directly at his Harris email below if you can help.
> Thanks,
> Jim Miller
>
> 1 Test Fixture Documentation
> Wed Dec 19, 2012 2:27 pm (PST) . Posted by: "rzinni" rzinni Hello,
>
> My name is Rick Zinni and I work for Harris RFCD in Rochester, NY.
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> I have a customer that is using the RF-3200 Radio system and requested test materials for it.
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> Unfortunately I can't find any of the Test Fixture information.
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> If please send me an email at rzinni@... I have a summary file of Test Procedures and associated Test Fixtures that I could reference to see if you had what I need.
>
> I would be very grateful for any help.
>
> Regards,
>
> Rick
>

1316. Need repair for 5200

Yahoo group: harris-radio
Date: 2012-12-22 04:18:00 UTC
From: Dr. Fred
Topic: 1316 Message: 1316

Can someone point me to a repair person. My Harris 5200 give up the ghost. I suspect it is a faulty A-6 board, but with no card extenders etc. I have no way to trouble shoot it. I was using it for my weekly 110A broadcasts on Navy Mars and it was fantastic until I made the mistake of turning it off. (It had been on for weeks).
I swapped out the amp and tuner just on the outside chance it was something external and no joy. I think the processor has lost it's mind.

Thanks and 73
Fred W4JLE/NNN0AAG SC

1317. My Pesky CU-2310

Yahoo group: harris-radio
Date: 2012-12-22 19:30:57 UTC
From: Ronald
Topic: 1317 Message: 1317

In all the years that I operate my Harris station, the CU-2310 seems to be the weak link. I have repaired the coupler many times and now I have a new problem. A few weeks ago it stopped giving me a "tune complete" on anything above 15 Meters. It gave a 1:1 SWR as shown on the RF-350K but would try again to tune in the WHIP cycle and then go into FAULT. Worked fine on 20, 40,75 and 160 meters. Then yesterday, it begain faulting the same way on all bands. So, I put a dummy load on it outside on the pole and same result. 1:1 SWR but would fail after two tries. Pulled it down, brought it in the shop and hooked it up using the same coax, interconnect cable and dummy load. Works 100% on all bands!! Put it back up and it fails like before with the long wire or a dummy load. Brought it back in and all is well again.

The only thing I can think of is a ground loop has developed between the inside grounding system and the outside grounding at the pole. When the coupler is not working outside, I get a hum in the RF-350K and I don't get that when it's working. The interconnect cable was made by me and does not have individual shields like the factory cable. It has been working with this cable for 10 years.

Any clues?

1318. Re: [harris-radio] My Pesky CU-2310

Yahoo group: harris-radio
Date: 2012-12-22 19:33:26 UTC
From: Brooke Clarke
Topic: 1317 Message: 1318

Hi Ronald:

It sounds like a problem with the cable. Is it raining there?

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

Ronald wrote:
> In all the years that I operate my Harris station, the CU-2310 seems to be the weak link. I have repaired the coupler many times and now I have a new problem. A few weeks ago it stopped giving me a "tune complete" on anything above 15 Meters. It gave a 1:1 SWR as shown on the RF-350K but would try again to tune in the WHIP cycle and then go into FAULT. Worked fine on 20, 40,75 and 160 meters. Then yesterday, it begain faulting the same way on all bands. So, I put a dummy load on it outside on the pole and same result. 1:1 SWR but would fail after two tries. Pulled it down, brought it in the shop and hooked it up using the same coax, interconnect cable and dummy load. Works 100% on all bands!! Put it back up and it fails like before with the long wire or a dummy load. Brought it back in and all is well again.
>
> The only thing I can think of is a ground loop has developed between the inside grounding system and the outside grounding at the pole. When the coupler is not working outside, I get a hum in the RF-350K and I don't get that when it's working. The interconnect cable was made by me and does not have individual shields like the factory cable. It has been working with this cable for 10 years.
>
> Any clues?
>
>
>
> ----------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
>

>

1319. Re: [harris-radio] My Pesky CU-2310

Yahoo group: harris-radio
Date: 2012-12-23 17:16:25 UTC
From: Doug Smith
Topic: 1317 Message: 1319

Sounds like it is not the coupler but rather, something in your setup.

I would suspect a loose connection in the control cable and wiggling it around might have coincidentally made it work in your shop but not out on the pole. Or, maybe something about the orientation of the coupler? It's a long shot but, when you test it in the shop is it oriented exactly the same as when mounted on the pole? Again, I'm thinking a solder connection in a cable that may have deteriorated over the years.

The best way to rule-out the cables would be to re-flow the solder on every connector pin (and with your coax feedline too.) If that doesn't help then you know that wasn't the problem. ;-)

73,
Doug, W7KF
http://www.w7kf.com

On 12/22/2012 12:30 PM, Ronald wrote:
>
> Any clues?

1320. Re: My Pesky CU-2310

Yahoo group: harris-radio
Date: 2012-12-24 01:56:29 UTC
From: Ronald
Topic: 1317 Message: 1320

Yes, it is horizontal in both set-ups. I also suspect something loose, slightly corroded or a grounding problem. I will get back to it after the holidays and do more tests. I have two more couplers in storage so I can also swap one of those in and see if the problem still exists.

--- In harris-radio@yahoogroups.com, Doug Smith <doug@...> wrote:
>
> Sounds like it is not the coupler but rather, something in your setup.
>
> I would suspect a loose connection in the control cable and wiggling it
> around might have coincidentally made it work in your shop but not out
> on the pole. Or, maybe something about the orientation of the coupler?
> It's a long shot but, when you test it in the shop is it oriented
> exactly the same as when mounted on the pole? Again, I'm thinking a
> solder connection in a cable that may have deteriorated over the years.
>
> The best way to rule-out the cables would be to re-flow the solder on
> every connector pin (and with your coax feedline too.) If that doesn't
> help then you know that wasn't the problem. ;-)
>
> 73,
> Doug, W7KF
> http://www.w7kf.com
>
>
> On 12/22/2012 12:30 PM, Ronald wrote:
> >
> > Any clues?
>

1321. Re: My Pesky CU-2310

Yahoo group: harris-radio
Date: 2012-12-25 00:18:29 UTC
From: Jim-M1-Radio
Topic: 1317 Message: 1321

Ronald;
Probably something to do with the antenna radiating element or ground. The coupler seems to be going into "dummy load tune" where you will get a 1:1 swr but since no antenna current is detected, the coupler gives youa false flag on tune = No Tune to antenna. It happens so often that is why the ant element current sense was put into the better design couplers.. Check for a broken antenna element, somewhere where a short pieceof wire could be tuned to the shorter bands.....

Best,
Jim M
AF1MR

[Non-text portions of this message have been removed]

1322. PRC-138 missing modem type

Yahoo group: harris-radio
Date: 2012-12-25 16:01:22 UTC
From: wyocommo
Topic: 1322 Message: 1322

Hello All,
Have any PRC-138 users had any issues with the SERIAL modem option not coming up for selection in the modem type list? I have not been able to find any documentation that would indicate that this was an option or was version dependant. It just doesn't show up in the list of modems.
tnx,
Mark,
AK7MW

1323. RE: [harris-radio] PRC-138 missing modem type

Yahoo group: harris-radio
Date: 2012-12-26 04:18:20 UTC
From: W2HX
Topic: 1322 Message: 1323

Could it be that the security settings are preventing you from seeing this part of the config? I have a 138 but haven't ever played with the security settings. Just a thought

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of wyocommo
Sent: Tuesday, December 25, 2012 11:01 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] PRC-138 missing modem type

Hello All,
Have any PRC-138 users had any issues with the SERIAL modem option not coming up for selection in the modem type list? I have not been able to find any documentation that would indicate that this was an option or was version dependant. It just doesn't show up in the list of modems.
tnx,
Mark,
AK7MW

[Non-text portions of this message have been removed]

1324. Re: PRC-138 missing modem type

Yahoo group: harris-radio
Date: 2012-12-26 15:52:18 UTC
From: Mark
Topic: 1322 Message: 1324

If I remember correctly, the early PRC-138s did not have the Serial modem. Not sure at what point it was added, though.

The only way Security would stop you from seeing Serial is if it stops you from seeing ANY modems, and a simple ZEROIZE would clear up any security settings

Mark
N2FYS

--- In harris-radio@yahoogroups.com, "W2HX" <w2hx@...> wrote:
>
> Could it be that the security settings are preventing you from seeing this part of the config? I have a 138 but haven't ever played with the security settings. Just a thought
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of wyocommo
> Sent: Tuesday, December 25, 2012 11:01 AM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] PRC-138 missing modem type
>
>
>
> Hello All,
> Have any PRC-138 users had any issues with the SERIAL modem option not coming up for selection in the modem type list? I have not been able to find any documentation that would indicate that this was an option or was version dependant. It just doesn't show up in the list of modems.
> tnx,
> Mark,
> AK7MW
>
>
>
> [Non-text portions of this message have been removed]
>

1325. Re: PRC-138 missing modem type

Yahoo group: harris-radio
Date: 2012-12-26 16:05:05 UTC
From: Mark Warner
Topic: 1322 Message: 1325

RE: Security settings.
Thought it might be that early on so I zeroized the radio and started over but no joy.
Thanks for the input.
Mark
AK7MW

[Non-text portions of this message have been removed]

1326. RF1310 Help

Yahoo group: harris-radio
Date: 2012-12-26 16:30:59 UTC
From: Francesco Ledda
Topic: 1322 Message: 1326

Harris Group,

I have an RF1310 (configuration 12112-05) that passes all the internal diagnostic tests, but with the FAULT LED on.

First, the power supply is not generating a voltage alarm.

The fault condition is being generated by the microprocessor U12 pin 27 and sent to U13 pin 9 on A13. This particular RF1310 has a pre-selector PN 10024-1000-01 and a non standard A1.

The back of the unit has an handwritten label saying: "LED+KEYING MODS INSTALLED 1991".

I was unable to locate any documentation covering the pre-selector and the LED+KEYING mods.

I appreciate any help and suggestions.

Best Regards,

Francesco

KF5RXV

[Non-text portions of this message have been removed]

1327. RE: [harris-radio] Re: PRC-138 missing modem type

Yahoo group: harris-radio
Date: 2012-12-26 20:46:39 UTC
From: D. Emer
Topic: 1322 Message: 1327

I have a RF5022 that doesn't have the Serial modem either so at some point they were most likely options or under development.
You'd be disappointed in the PRC-138 Serial modem any how as it will only decode 75bps serial. I finally solved that problem by using a RF 5720 modem on the PRC 138. It has serial up to 4800 and other modes as well.
Dud
KK7IF

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Mark Warner
Sent: Wednesday, December 26, 2012 8:05 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: PRC-138 missing modem type

RE: Security settings.
Thought it might be that early on so I zeroized the radio and started over but no joy.
Thanks for the input.
Mark
AK7MW

[Non-text portions of this message have been removed]

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Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

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1328. RF-1310 frequency display

Yahoo group: harris-radio
Date: 2012-12-29 09:30:01 UTC
From: Berndt Josef Wulf
Topic: 1328 Message: 1328

Seasons Greetings,

Is there an option that determines the number of frequency digits being displayed? I have a RF-1310 that doesn't show the last digit (1Hz), e.g 14.12345MHz instead of the expected 14.123456MHz. The display drivers are fine since this digit shows up during BIT. As I failed to find anything useful in the manual my hope is that someone on this list could shed some light.

73, Berndt
VK5ABN

1329. Re: RF-1310 frequency display

Yahoo group: harris-radio
Date: 2012-12-29 17:28:23 UTC
From: Mark
Topic: 1328 Message: 1329

The RF-1310 was never intended to show the 1 Hz digit. Since it uses the same display as the RF-590, all digits light up during self-test, but the 1 Hz is then turned off.
This exciter is unable to tune at that resolution, so no point in showing the digit.

Mark
N2FYS

--- In harris-radio@yahoogroups.com, Berndt Josef Wulf <wulf@...> wrote:
>
> Seasons Greetings,
>
> Is there an option that determines the number of frequency digits being
> displayed? I have a RF-1310 that doesn't show the last digit (1Hz), e.g
> 14.12345MHz instead of the expected 14.123456MHz. The display drivers
> are fine since this digit shows up during BIT. As I failed to find
> anything useful in the manual my hope is that someone on this list could
> shed some light.
>
>
> 73, Berndt
> VK5ABN
>

1330. HARRIS AMPLIFIED SPEAKER

Yahoo group: harris-radio
Date: 2012-12-30 23:03:43 UTC
From: Roy
Topic: 1330 Message: 1330

Hello and Happy New Years to everybody !

I have an AM-6747 which works very well with the HARRIS PRC_138 and my RF-5022. I went and bought the HARRIS speaker which is different and I would like to know if anyone has experience with these. Of course I need the cables. I might have the Audio in plug but in all my connectors I do not have a 3 pin socket plug. I also do not have a diagram. Maybe there is one on the inside cover (I should look).

At any rate, if you would like to make my life a lot easier perhaps you could give me some pointers.

All the best,

Roy Wildermuth
AWA Museum

1331. RE: [harris-radio] HARRIS AMPLIFIED SPEAKER

Yahoo group: harris-radio
Date: 2012-12-31 00:20:56 UTC
From: Richard Johnson
Topic: 1330 Message: 1331

I wired mine up by looking at the 3pin plug from the inside. It takes two Grounds and one + feed. You can get the plug you need from william perry supply.
Regards and happy new year.
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms?"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: w3rlw@...
Date: Sun, 30 Dec 2012 23:03:43 +0000
Subject: [harris-radio] HARRIS AMPLIFIED SPEAKER

Hello and Happy New Years to everybody !

I have an AM-6747 which works very well with the HARRIS PRC_138 and my RF-5022. I went and bought the HARRIS speaker which is different and I would like to know if anyone has experience with these. Of course I need the cables. I might have the Audio in plug but in all my connectors I do not have a 3 pin socket plug. I also do not have a diagram. Maybe there is one on the inside cover (I should look).

At any rate, if you would like to make my life a lot easier perhaps you could give me some pointers.

All the best,

Roy Wildermuth
AWA Museum

[Non-text portions of this message have been removed]

1332. Re: [harris-radio] HARRIS AMPLIFIED SPEAKER

Yahoo group: harris-radio
Date: 2012-12-31 14:08:55 UTC
From: John Watkins
Topic: 1330 Message: 1332

Hi Roy,

Have you sent that RF-550 Frequency Standard A2A7 module yet? I would like to get my RF-550 back to working.

John WD5ENU

Sent from my iPad

On Dec 30, 2012, at 17:03, "Roy" <w3rlw@...> wrote:

>
>
> Hello and Happy New Years to everybody !
>
> I have an AM-6747 which works very well with the HARRIS PRC_138 and my RF-5022. I went and bought the HARRIS speaker which is different and I would like to know if anyone has experience with these. Of course I need the cables. I might have the Audio in plug but in all my connectors I do not have a 3 pin socket plug. I also do not have a diagram. Maybe there is one on the inside cover (I should look).
>
> At any rate, if you would like to make my life a lot easier perhaps you could give me some pointers.
>
> All the best,
>
> Roy Wildermuth
> AWA Museum
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
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>
>

1333. Re: RF-1310 frequency display

Yahoo group: harris-radio
Date: 2013-01-01 15:20:24 UTC
From: berndt.wulf
Topic: 1328 Message: 1333

G'day Mark,

This is strange, as my first RF-1310 exciter excepts and shows all digits down to 1Hz resolution - see

http://www.ping.net.au/index.php?mode=vfd

Comparing both exciters, they appear to run the same firmware, but the second receiver fails to show the 1Hz digit. Hence I assumed there was an optional setting that I may have missed.

73, Berndt
VK5ABN

--- In harris-radio@yahoogroups.com, "Mark" <seastar@...> wrote:
>
>
>
> The RF-1310 was never intended to show the 1 Hz digit. Since it uses the same display as the RF-590, all digits light up during self-test, but the 1 Hz is then turned off.
> This exciter is unable to tune at that resolution, so no point in showing the digit.
>
> Mark
> N2FYS
>
> --- In harris-radio@yahoogroups.com, Berndt Josef Wulf <wulf@> wrote:
> >
> > Seasons Greetings,
> >
> > Is there an option that determines the number of frequency digits being
> > displayed? I have a RF-1310 that doesn't show the last digit (1Hz), e.g
> > 14.12345MHz instead of the expected 14.123456MHz. The display drivers
> > are fine since this digit shows up during BIT. As I failed to find
> > anything useful in the manual my hope is that someone on this list could
> > shed some light.
> >
> >
> > 73, Berndt
> > VK5ABN
> >
>

1334. RE: [harris-radio] Re: RF-1310 frequency display

Yahoo group: harris-radio
Date: 2013-01-01 15:38:32 UTC
From: W2HX
Topic: 1328 Message: 1334

I don't know if this is the cause, but try the exciter in both regular mode and generator mode. Maybe generator mode allows it. My 1310 also seems to have 10Hz resolution min

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of berndt.wulf
Sent: Tuesday, January 01, 2013 10:20 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-1310 frequency display

G'day Mark,

This is strange, as my first RF-1310 exciter excepts and shows all digits down to 1Hz resolution - see

http://www.ping.net.au/index.php?mode=vfd

Comparing both exciters, they appear to run the same firmware, but the second receiver fails to show the 1Hz digit. Hence I assumed there was an optional setting that I may have missed.

73, Berndt
VK5ABN

--- In harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>, "Mark" <seastar@...<mailto:seastar@...>> wrote:
>
>
>
> The RF-1310 was never intended to show the 1 Hz digit. Since it uses the same display as the RF-590, all digits light up during self-test, but the 1 Hz is then turned off.
> This exciter is unable to tune at that resolution, so no point in showing the digit.
>
> Mark
> N2FYS
>
> --- In harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>, Berndt Josef Wulf <wulf@> wrote:
> >
> > Seasons Greetings,
> >
> > Is there an option that determines the number of frequency digits being
> > displayed? I have a RF-1310 that doesn't show the last digit (1Hz), e.g
> > 14.12345MHz instead of the expected 14.123456MHz. The display drivers
> > are fine since this digit shows up during BIT. As I failed to find
> > anything useful in the manual my hope is that someone on this list could
> > shed some light.
> >

> >
> > 73, Berndt
> > VK5ABN
> >
>

[Non-text portions of this message have been removed]

1335. Re: [harris-radio] HARRIS AMPLIFIED SPEAKER

Yahoo group: harris-radio
Date: 2013-01-01 17:12:53 UTC
From: Joseph Pinner
Topic: 1330 Message: 1335

Richard,

Which pin is the + feed? I would hate to make a mistake and fry my unit.

Also, could you share the pinouts of the radio connector?

Joseph Pinner +
Kingston, TN
KC5IJD / NNN0PHR

----- Original Message -----
From: "Richard Johnson" <killroy321@...>
To: <harris-radio@yahoogroups.com>
Sent: Sunday, December 30, 2012 7:20 PM
Subject: RE: [harris-radio] HARRIS AMPLIFIED SPEAKER

I wired mine up by looking at the 3pin plug from the inside. It takes two Grounds and one + feed. You can get the plug you need from william perry supply.
Regards and happy new year.
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms?"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: w3rlw@...
Date: Sun, 30 Dec 2012 23:03:43 +0000
Subject: [harris-radio] HARRIS AMPLIFIED SPEAKER

Hello and Happy New Years to everybody !

I have an AM-6747 which works very well with the HARRIS PRC_138 and my RF-5022. I went and bought the HARRIS speaker which is different and I would like to know if anyone has experience with these. Of course I need the cables. I might have the Audio in plug but in all my connectors I do not have a 3 pin socket plug. I also do not have a diagram. Maybe there is one on the inside cover (I should look).

At any rate, if you would like to make my life a lot easier perhaps you could give me some pointers.

All the best,

Roy Wildermuth
AWA Museum

[Non-text portions of this message have been removed]

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Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get
to you PC from outside your home or business?

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No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.2805 / Virus Database: 2637/5977 - Release Date: 12/21/12
Internal Virus Database is out of date.

1336. RE: [harris-radio] HARRIS AMPLIFIED SPEAKER

Yahoo group: harris-radio
Date: 2013-01-02 02:21:36 UTC
From: Richard Johnson
Topic: 1330 Message: 1336

You have to make a standard audio U229 cable to the funky audio input on the speaker. I dont recall any of the pin out. I just have to go and look the stuff up. I think the 138 manual has the audio pin outs, they are standard like any us radio.
If I get a chance I will try to figure out the power pins for you but really, its easier to just unscrew the four screws on the back and gently remove the cover and look at the back of the plug. I belive there were two blue and one green.
Give me some time, Im really busy catching up on stuff.
Regards
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms?"
Thomas Jefferson

> To: harris-radio@yahoogroups.com
> From: kc5ijd@...
> Date: Tue, 1 Jan 2013 12:12:53 -0500
> Subject: Re: [harris-radio] HARRIS AMPLIFIED SPEAKER
>
> Richard,
>
> Which pin is the + feed? I would hate to make a mistake and fry my unit.
>
> Also, could you share the pinouts of the radio connector?
>
> Joseph Pinner +
> Kingston, TN
> KC5IJD / NNN0PHR
>
>
> ----- Original Message -----
> From: "Richard Johnson" <killroy321@...>
> To: <harris-radio@yahoogroups.com>
> Sent: Sunday, December 30, 2012 7:20 PM
> Subject: RE: [harris-radio] HARRIS AMPLIFIED SPEAKER
>
>
>
> I wired mine up by looking at the 3pin plug from the inside. It takes two
> Grounds and one + feed. You can get the plug you need from william perry
> supply.
> Regards and happy new year.

> Rich Johnson
> KI6EZA
>
> www.RichardSJohnson.net
>
> "Those who enjoy freedom must endeavor to preserve it."
>
>
> "No free man shall ever be debarred the use of arms?"
> Thomas Jefferson
>
>
>
>
>
>
> To: harris-radio@yahoogroups.com
> From: w3rlw@rochester.rr.com
> Date: Sun, 30 Dec 2012 23:03:43 +0000
> Subject: [harris-radio] HARRIS AMPLIFIED SPEAKER
>
>
>
>
>
>
>
> Hello and Happy New Years to everybody !
>
> I have an AM-6747 which works very well with the HARRIS PRC_138 and my
> RF-5022. I went and bought the HARRIS speaker which is different and I would
> like to know if anyone has experience with these. Of course I need the
> cables. I might have the Audio in plug but in all my connectors I do not
> have a 3 pin socket plug. I also do not have a diagram. Maybe there is one
> on the inside cover (I should look).
>
> At any rate, if you would like to make my life a lot easier perhaps you
> could give me some pointers.
>
> All the best,
>
> Roy Wildermuth
> AWA Museum
>
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>
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>
>
> [Non-text portions of this message have been removed]

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> ----------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get
> to you PC from outside your home or business?
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> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.2805 / Virus Database: 2637/5977 - Release Date: 12/21/12
> Internal Virus Database is out of date.
>
>
>
>
> ----------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
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> Does your IP change every day or even every hour? and you need a way to get to you PC
from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
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[Non-text portions of this message have been removed]

1337. Re: [harris-radio] HARRIS AMPLIFIED SPEAKER

Yahoo group: harris-radio
Date: 2013-01-02 21:26:11 UTC
From: Joseph Pinner
Topic: 1330 Message: 1337

Thanks -no hurry.

Joseph Pinner +
Kingston, TN
KC5IJD / NNN0PHR

----- Original Message -----
From: "Richard Johnson" <killroy321@...>
To: <harris-radio@yahoogroups.com>
Sent: Tuesday, January 01, 2013 9:21 PM
Subject: RE: [harris-radio] HARRIS AMPLIFIED SPEAKER

You have to make a standard audio U229 cable to the funky audio input on the speaker. I dont recall any of the pin out. I just have to go and look the stuff up. I think the 138 manual has the audio pin outs, they are standard like any us radio.
If I get a chance I will try to figure out the power pins for you but really, its easier to just unscrew the four screws on the back and gently remove the cover and look at the back of the plug. I belive there were two blue and one green.
Give me some time, Im really busy catching up on stuff.
Regards
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms?"
Thomas Jefferson

> To: harris-radio@yahoogroups.com
> From: kc5ijd@...
> Date: Tue, 1 Jan 2013 12:12:53 -0500
> Subject: Re: [harris-radio] HARRIS AMPLIFIED SPEAKER
>
> Richard,
>
> Which pin is the + feed? I would hate to make a mistake and fry my unit.
>
> Also, could you share the pinouts of the radio connector?
>
> Joseph Pinner +
> Kingston, TN
> KC5IJD / NNN0PHR
>

>
> ----- Original Message -----
> From: "Richard Johnson" <killroy321@...>
> To: <harris-radio@yahoogroups.com>
> Sent: Sunday, December 30, 2012 7:20 PM
> Subject: RE: [harris-radio] HARRIS AMPLIFIED SPEAKER
>
>
>
> I wired mine up by looking at the 3pin plug from the inside. It takes two
> Grounds and one + feed. You can get the plug you need from william perry
> supply.
> Regards and happy new year.
> Rich Johnson
> KI6EZA
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> "Those who enjoy freedom must endeavor to preserve it."
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>
> "No free man shall ever be debarred the use of arms?"
> Thomas Jefferson
>
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>
> To: harris-radio@yahoogroups.com
> From: w3rlw@...
> Date: Sun, 30 Dec 2012 23:03:43 +0000
> Subject: [harris-radio] HARRIS AMPLIFIED SPEAKER
>
>
>
>
>
>
>
> Hello and Happy New Years to everybody !
>
> I have an AM-6747 which works very well with the HARRIS PRC_138 and my
> RF-5022. I went and bought the HARRIS speaker which is different and I
> would
> like to know if anyone has experience with these. Of course I need the
> cables. I might have the Audio in plug but in all my connectors I do not
> have a 3 pin socket plug. I also do not have a diagram. Maybe there is one
> on the inside cover (I should look).
>

> At any rate, if you would like to make my life a lot easier perhaps you
> could give me some pointers.
>
> All the best,
>
> Roy Wildermuth
> AWA Museum
>
>
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>
>
>
> [Non-text portions of this message have been removed]
>
>
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> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to
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> to you PC from outside your home or business?
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> www.2mypc.netYahoo! Groups Links
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> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.2805 / Virus Database: 2637/5977 - Release Date: 12/21/12
> Internal Virus Database is out of date.
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> www.2mypc.netYahoo! Groups Links
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[Non-text portions of this message have been removed]

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www.2mypc.netYahoo! Groups Links

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2013.0.2805 / Virus Database: 2637/5977 - Release Date: 12/21/12
Internal Virus Database is out of date.

1338. Re: RF-1310 frequency display

Yahoo group: harris-radio
Date: 2013-01-02 23:32:20 UTC
From: berndt.wulf
Topic: 1328 Message: 1338

G'day

Both exciters have generator mode disabled.

73, Berndt
VK5ABN

--- In harris-radio@yahoogroups.com, "W2HX" <w2hx@...> wrote:
>
> I don't know if this is the cause, but try the exciter in both regular mode and generator mode. Maybe generator mode allows it. My 1310 also seems to have 10Hz resolution min
>

1339. Re: My Pesky CU-2310

Yahoo group: harris-radio
Date: 2013-01-02 23:50:08 UTC
From: Ronald
Topic: 1317 Message: 1339

We are back up and running. We cleaned all ground connections and antenna connection today. Shortened the ground lead also. I do have .625 Volts AC between the shack ground and the outside rods so not sure if that added to the problems. So, nothing to say was "the fix" but we are up for now. Thanks for the comments.

--- In harris-radio@yahoogroups.com, "Ronald" <rl.boltz@...> wrote:
>
> In all the years that I operate my Harris station, the CU-2310 seems to be the weak link. I have repaired the coupler many times and now I have a new problem. A few weeks ago it stopped giving me a "tune complete" on anything above 15 Meters. It gave a 1:1 SWR as shown on the RF-350K but would try again to tune in the WHIP cycle and then go into FAULT. Worked fine on 20, 40,75 and 160 meters. Then yesterday, it begain faulting the same way on all bands. So, I put a dummy load on it outside on the pole and same result. 1:1 SWR but would fail after two tries. Pulled it down, brought it in the shop and hooked it up using the same coax, interconnect cable and dummy load. Works 100% on all bands!! Put it back up and it fails like before with the long wire or a dummy load. Brought it back in and all is well again.
>
> The only thing I can think of is a ground loop has developed between the inside grounding system and the outside grounding at the pole. When the coupler is not working outside, I get a hum in the RF-350K and I don't get that when it's working. The interconnect cable was made by me and does not have individual shields like the factory cable. It has been working with this cable for 10 years.
>
> Any clues?
>

1340. Re: HARRIS AMPLIFIED SPEAKER

Yahoo group: harris-radio
Date: 2013-01-02 23:59:13 UTC
From: kc2vvb
Topic: 1330 Message: 1340

Gentlemen....

Harris RF-5980 Amplified Speaker pin out information...

There are two connectors on the speaker...one is for power in and the other is for audio in.

The POWER connector on the speaker is a MS3114E8-3P. The mate to this is a MS3116F8-3S...this is the connector you need to buy.
Inside the speaker...
Pin A violet wire is connected to ground
Pin B green wire is connected to ground
Pin C red wire is connected to +24.0 VDC

After you make this connector up will will have to decide what connector for the power supply end of the cable is best suited to your situation.

Pin A and Pin B are ground and Pin C is +24.0 VDC

The RADIO INTERFACE connector on the speaker is a MS3114E10-6S. The mate to this is a MS3116F10-6P...this is the connector you need to buy.

You will also need a standard UG-229 audio connector. A 5 pin connector will work OK. Pin F is not connected to anything.

I have a Harris Cable part # 10535-0707-A009 which is the correct cable to connect a radio to the speaker. I tested the cable for continuity and this is the result...

UG-229 MS3116F10-6P

Pin A Pin A
Pin B Pin B
Pin C Pin C
Pin D Pin D
Pin E Pin E

No Connection
Pin F Pin F

Pin A common ground
Pin B handset speaker
Pin C push-to-talk
Pin D microphone
Pin E don't know what this is for
Pin F not connected

I also found that the metal parts of both connectors were connected
to each other but not to any of the pins. You will need 1 conductor in the cable to connect

the metal shells of the connectors on each end and to the shield at each end.

If you feel brave you can open the speaker and take look at the connections on the UG-229 connectors. I don't think that is needed...the cable is one-for-one.

So it appears that the RADIO INTERFACE cable is a straight thru shielded cable with 6 conductors with a MS3116F10-6P connector on one end and a UG-229 on the other end.

I connected these 2 cables to the speaker RF-5980 and used a PRC-138 as the audio source and a Harris 24 VDC power supply.
The speaker worked OK.

I hope this helps everyone who wants to get their speaker working.

I talked to a couple of people at Harris. My impression was they wanted to help me with this project but couldn't because of ITAR
regulations. So I had to it the hard way.

Best regards,
Chuck Webb
kc2vvb

--- In harris-radio@yahoogroups.com, "Joseph Pinner" <kc5ijd@...> wrote:
>
> Thanks -no hurry.
>
> Joseph Pinner +
> Kingston, TN
> KC5IJD / NNN0PHR
>
> ----- Original Message -----
> From: "Richard Johnson" <killroy321@...>
> To: <harris-radio@yahoogroups.com>
> Sent: Tuesday, January 01, 2013 9:21 PM
> Subject: RE: [harris-radio] HARRIS AMPLIFIED SPEAKER
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>
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> Give me some time, Im really busy catching up on stuff.
> Regards
> Rich Johnson
> KI6EZA
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> www.RichardSJohnson.net

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> "No free man shall ever be debarred the use of arms "
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> > To: harris-radio@yahoogroups.com
> > From: kc5ijd@...
> > Date: Tue, 1 Jan 2013 12:12:53 -0500
> > Subject: Re: [harris-radio] HARRIS AMPLIFIED SPEAKER
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> > Richard,
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> > Which pin is the + feed? I would hate to make a mistake and fry my unit.
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> > Also, could you share the pinouts of the radio connector?
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> > Joseph Pinner +
> > Kingston, TN
> > KC5IJD / NNN0PHR
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> >
> > ----- Original Message -----
> > From: "Richard Johnson" <killroy321@...>
> > To: <harris-radio@yahoogroups.com>
> > Sent: Sunday, December 30, 2012 7:20 PM
> > Subject: RE: [harris-radio] HARRIS AMPLIFIED SPEAKER
> >
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> >
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> >
> > To: harris-radio@yahoogroups.com
> > From: w3rlw@...
> > Date: Sun, 30 Dec 2012 23:03:43 +0000
> > Subject: [harris-radio] HARRIS AMPLIFIED SPEAKER
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> > Hello and Happy New Years to everybody !
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> > At any rate, if you would like to make my life a lot easier perhaps you
> > could give me some pointers.
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> > All the best,
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> > Roy Wildermuth
> > AWA Museum
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> > [Non-text portions of this message have been removed]
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> >
> > ---
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?
> > Do you need a domain name and don't want to pay a lot for it?

> > Does your IP change every day or even every hour? and you need a way to
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> > to you PC from outside your home or business?
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> > www.2mypc.netYahoo! Groups Links
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1341. AM-7223 amplifier Fault Code 2-10 Lesson learned

Yahoo group: harris-radio
Date: 2013-01-05 13:43:55 UTC
From: Tom
Topic: 1341 Message: 1341

For the benefit of the Group:

I have a Harris AM-7223 amplifier mated with an RT-1446 (RF-350) transceiver. I have used this system for years, successfully. Some months ago, I turned it on, warmed it up, and switched the amplifier to "Operate" by using the transceiver front panel controls. Immediately upon switching to "Operate," the system faulted and indicated fault code 2-10.

Fault Code 2-10 means: "Plate current on with bias off. Refer to flow chart 2-10."

After some diagnostics -- with much help from Greg, WA1JXR -- we discovered that "R1" -- a 25 watt, 100k ohm, wirewound bleeder resistor on the Rectifier Bleeder PWB Assembly had failed. Once it was replaced, the amplifier came right back to life and seems to work fine now.

Lessons learned:

1) The old adage that a very careful visual inspection will help diagnose almost any problem was true, even though, at first, I didn't see any clues. In retrospect, I did notice some few black flecks of an unknown material on the chassis in the vicinity of the bleeder resistor assembly. However, none of the nearby components (including R1) showed any signs of trauma, burning etc.. Apparently, when R1 failed, it must have caused these flakes to come loose. I didn't realize the significance of the black flakes until after I found the problem with R1.

2) The Depot Manual says, "Look for an open in the B+ sample line, R7 is the most likely culprit." R1 is in the B+ sample line. But, when I measured the resistance across is, I got a high value (not the 100k it was supposed to be) but, I failed to appreciate, at first, that the resistor needed to be unsoldered to properly test it. R7 tested within spec, btw. The Depot Manual was correct about the defect being in the B+ sample line, just not the "most likely culprit," in my case. It took a bit of time with the schematics to realize that the bleeder resisters are in the B+ sample line (or, at least R1 is).

3) Exact replacements for the R1 resistor -- a Dale HL-26-02Z -- are no longer made. I had to substitute a like value resistor made by Ohmite, which happens to be one inch shorter. This became an issue to solve because of the way the bleeder resistors are mounted. Each of the three large bleeder resisters is held in place by metal brackets that slip into the hollow ends of each resistor. Because the replacement resistor was an inch shorter, the original placements of the brackets would not reach. I solved this problem by leaving one of the original brackets in its original position screwed to the PC board. The bracket for the other end was inserted into the resistor and secured to the surface of the PC board using high-temp aluminum tape (the type that HVAC guys use). That, and the stiffness of the wires soldered to the top are what support the resistor, now.

4) Btw, the resistor was purchased from www.NewarkInOne.com which was fine to deal with and had no problem with a small order.

73,
Tom
AFA1IR

1342. Re: [harris-radio] AM-7223 amplifier Fault Code 2-10 Lesson learned

Yahoo group: harris-radio
Date: 2013-01-05 16:48:17 UTC
From: jonklinkhamer@comcast.net
Topic: 1341 Message: 1342

Tom,

Thank you very much for sharing lessons learned on your Amp. I too have an AM-7223 and right now it seems fine although once in awhile I get a 2-7 but it does go away. It's not a nuisance yet for me to go after it. Again thank you so much for the information. I will file it away in my brain.

Jon/KB1DC

----- Original Message -----
From: "Tom" <afa1ir@...>
To: harris-radio@yahoogroups.com
Sent: Saturday, January 5, 2013 8:43:55 AM
Subject: [harris-radio] AM-7223 amplifier Fault Code 2-10 Lesson learned

For the benefit of the Group:

I have a Harris AM-7223 amplifier mated with an RT-1446 (RF-350) transceiver. I have used this system for years, successfully. Some months ago, I turned it on, warmed it up, and switched the amplifier to "Operate" by using the transceiver front panel controls. Immediately upon switching to "Operate," the system faulted and indicated fault code 2-10.

Fault Code 2-10 means: "Plate current on with bias off. Refer to flow chart 2-10."

After some diagnostics -- with much help from Greg, WA1JXR -- we discovered that "R1" -- a 25 watt, 100k ohm, wirewound bleeder resistor on the Rectifier Bleeder PWB Assembly had failed. Once it was replaced, the amplifier came right back to life and seems to work fine now.

Lessons learned:

1) The old adage that a very careful visual inspection will help diagnose almost any problem was true, even though, at first, I didn't see any clues. In retrospect, I did notice some few black flecks of an unknown material on the chassis in the vicinity of the bleeder resistor assembly. However, none of the nearby components (including R1) showed any signs of trauma, burning etc.. Apparently, when R1 failed, it must have caused these flakes to come loose. I didn't realize the significance of the black flakes until after I found the problem with R1.

2) The Depot Manual says, "Look for an open in the B+ sample line, R7 is the most likely culprit." R1 is in the B+ sample line. But, when I measured the resistance across is, I got a high value (not the 100k it was supposed to be) but, I failed to appreciate, at first, that the resistor needed to be unsoldered to properly test it. R7 tested within spec, btw. The Depot Manual was correct about the defect being in the B+ sample line, just not the "most likely culprit," in my case. It took a bit of time with the schematics to realize that the bleeder resisters are in the B+ sample line (or, at least R1 is).

3) Exact replacements for the R1 resistor -- a Dale HL-26-02Z -- are no longer made. I had to substitute a like value resistor made by Ohmite, which happens to be one inch shorter. This became an issue to solve because of the way the bleeder resistors are mounted. Each of the three large bleeder resisters is held in place by metal brackets that slip into the hollow ends of each resistor. Because the replacement resistor was an inch shorter, the original placements of the brackets would not reach. I solved this problem by leaving one of the original brackets in its original position screwed to the PC board. The bracket for the other end was inserted into the resistor and secured to the surface of the PC board using high-temp aluminum tape (the type that HVAC guys use). That, and the stiffness of the wires soldered to the top are what support the resistor, now.

4) Btw, the resistor was purchased from www.NewarkInOne.com which was fine to deal with and had no problem with a small order.

73,
Tom
AFA1IR

[Non-text portions of this message have been removed]

1343. Re: AM-7223 amplifier Fault Code 2-10 Lesson learned

Yahoo group: harris-radio
Date: 2013-01-05 18:46:10 UTC
From: vk5abc
Topic: 1341 Message: 1343

Hello All
I too have a AM-7223 but can't get it to work, it's a power problem.
When you switch it on nothing happens no panel light or lcd display, fuses are ok as are the circuit breakers it seems k1 does not activate btw the control cable is connected to the rt-1446/urc and has 13v on pin 7 I think I just don't know where to go next could it be the A9 pwb. Suggestions?

73's Lee.

--- In harris-radio@yahoogroups.com, jonklinkhamer@... wrote:
>
> Tom,
>
> Thank you very much for sharing lessons learned on your Amp. I too have an AM-7223 and right now it seems fine although once in awhile I get a 2-7 but it does go away. It's not a nuisance yet for me to go after it. Again thank you so much for the information. I will file it away in my brain.
>
> Jon/KB1DC
>
> ----- Original Message -----
> From: "Tom"
> To: harris-radio@yahoogroups.com
> Sent: Saturday, January 5, 2013 8:43:55 AM
> Subject: [harris-radio] AM-7223 amplifier Fault Code 2-10 Lesson learned
>
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>
> 73,
> Tom
> AFA1IR
>
>
>
>
> [Non-text portions of this message have been removed]
>

1344. Re: [harris-radio] Re: AM-7223 amplifier Fault Code 2-10 Lesson learned

Yahoo group: harris-radio
Date: 2013-01-05 22:49:50 UTC
From: Tom C
Topic: 1341 Message: 1344

Lee,

Hi.
Have you downloaded the Depot Manual and found the decision tree for that fault code?

Tom

From: vk5abc <vk5abc@...>
To: harris-radio@yahoogroups.com
Sent: Saturday, January 5, 2013 1:46 PM
Subject: [harris-radio] Re: AM-7223 amplifier Fault Code 2-10 Lesson learned

Hello All
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> From: "Tom"
> To: harris-radio@yahoogroups.com
> Sent: Saturday, January 5, 2013 8:43:55 AM
> Subject: [harris-radio] AM-7223 amplifier Fault Code 2-10 Lesson learned
>
>
>
>
>
>
> For the benefit of the Group:
>

> I have a Harris AM-7223 amplifier mated with an RT-1446 (RF-350) transceiver. I have used this system for years, successfully. Some months ago, I turned it on, warmed it up, and switched the amplifier to "Operate" by using the transceiver front panel controls. Immediately upon switching to "Operate," the system faulted and indicated fault code 2-10.
>
> Fault Code 2-10 means: "Plate current on with bias off. Refer to flow chart 2-10."
>
> After some diagnostics -- with much help from Greg, WA1JXR -- we discovered that "R1" -- a 25 watt, 100k ohm, wirewound bleeder resistor on the Rectifier Bleeder PWB Assembly had failed. Once it was replaced, the amplifier came right back to life and seems to work fine now.
>
> Lessons learned:
>
> 1) The old adage that a very careful visual inspection will help diagnose almost any problem was true, even though, at first, I didn't see any clues. In retrospect, I did notice some few black flecks of an unknown material on the chassis in the vicinity of the bleeder resistor assembly. However, none of the nearby components (including R1) showed any signs of trauma, burning etc.. Apparently, when R1 failed, it must have caused these flakes to come loose. I didn't realize the significance of the black flakes until after I found the problem with R1.
>
> 2) The Depot Manual says, "Look for an open in the B+ sample line, R7 is the most likely culprit." R1 is in the B+ sample line. But, when I measured the resistance across is, I got a high value (not the 100k it was supposed to be) but, I failed to appreciate, at first, that the resistor needed to be unsoldered to properly test it. R7 tested within spec, btw. The Depot Manual was correct about the defect being in the B+ sample line, just not the "most likely culprit," in my case. It took a bit of time with the schematics to realize that the bleeder resisters are in the B+ sample line (or, at least R1 is).
>
> 3) Exact replacements for the R1 resistor -- a Dale HL-26-02Z -- are no longer made. I had to substitute a like value resistor made by Ohmite, which happens to be one inch shorter. This became an issue to solve because of the way the bleeder resistors are mounted. Each of the three large bleeder resisters is held in place by metal brackets that slip into the hollow ends of each resistor. Because the replacement resistor was an inch shorter, the original placements of the brackets would not reach. I solved this problem by leaving one of the original brackets in its original position screwed to the PC board. The bracket for the other end was inserted into the resistor and secured to the surface of the PC board using high-temp aluminum tape (the type that HVAC guys use). That, and the stiffness of the wires soldered to the top are what support the resistor, now.
>
> 4) Btw, the resistor was purchased from www.NewarkInOne.com which was fine to deal with and had no problem with a small order.
>
> 73,
> Tom
> AFA1IR
>
>
>

>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

1345. Re: [harris-radio] Re: AM-7223 amplifier Fault Code 2-10 Lesson learned

Yahoo group: harris-radio
Date: 2013-01-06 01:23:43 UTC
From: ed.leavitt@JUNO.COM
Topic: 1341 Message: 1345

You do know that the amp is looking for an operator initiated KEYPAD COMMANDS?

Press [2nd key, 2/amp pwr] keys from the RT-1446 or similar to energize. Then (after a three minute minimum warmup) to exit the standby mode into the operate mode enter two keystrokes: [2nd key, 3/stby/oper key] That's the only way I have ever seen one behave. There may be a workaround but I'm unaware of it.

****
Edmund Leavitt
K7EFL / AFA0AH
****

On Sat, 05 Jan 2013 18:46:10 -0000 "vk5abc" <vk5abc@...> writes:
> Hello All
> I too have a AM-7223 but can't get it to work, it's a power
> problem.
> When you switch it on nothing happens no panel light or lcd display,
> fuses are ok as are the circuit breakers it seems k1 does not
> activate btw the control cable is connected to the rt-1446/urc and
> has 13v on pin 7 I think I just don't know where to go next could it
> be the A9 pwb. Suggestions?
>
> 73's Lee.
>
>
> --- In harris-radio@yahoogroups.com, jonklinkhamer@... wrote:
> >
> > Tom,
> >
> > Thank you very much for sharing lessons learned on your Amp. I too
> have an AM-7223 and right now it seems fine although once in awhile
> I get a 2-7 but it does go away. It's not a nuisance yet for me to
> go after it. Again thank you so much for the information. I will
> file it away in my brain.
> >
> > Jon/KB1DC
> >
> > ----- Original Message -----
> > From: "Tom"
> > To: harris-radio@yahoogroups.com
> > Sent: Saturday, January 5, 2013 8:43:55 AM
> > Subject: [harris-radio] AM-7223 amplifier Fault Code 2-10 Lesson
> learned
> >

> >
> >
> >
> >
> >
> > For the benefit of the Group:
> >
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> transceiver. I have used this system for years, successfully. Some
> months ago, I turned it on, warmed it up, and switched the amplifier
> to "Operate" by using the transceiver front panel controls.
> Immediately upon switching to "Operate," the system faulted and
> indicated fault code 2-10.
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> > Fault Code 2-10 means: "Plate current on with bias off. Refer to
> flow chart 2-10."
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> > After some diagnostics -- with much help from Greg, WA1JXR -- we
> discovered that "R1" -- a 25 watt, 100k ohm, wirewound bleeder
> resistor on the Rectifier Bleeder PWB Assembly had failed. Once it
> was replaced, the amplifier came right back to life and seems to
> work fine now.
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> > Lessons learned:
> >
> > 1) The old adage that a very careful visual inspection will help
> diagnose almost any problem was true, even though, at first, I
> didn't see any clues. In retrospect, I did notice some few black
> flecks of an unknown material on the chassis in the vicinity of the
> bleeder resistor assembly. However, none of the nearby components
> (including R1) showed any signs of trauma, burning etc.. Apparently,
> when R1 failed, it must have caused these flakes to come loose. I
> didn't realize the significance of the black flakes until after I
> found the problem with R1.
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> R7 is the most likely culprit." R1 is in the B+ sample line. But,
> when I measured the resistance across is, I got a high value (not
> the 100k it was supposed to be) but, I failed to appreciate, at
> first, that the resistor needed to be unsoldered to properly test
> it. R7 tested within spec, btw. The Depot Manual was correct about
> the defect being in the B+ sample line, just not the "most likely
> culprit," in my case. It took a bit of time with the schematics to
> realize that the bleeder resisters are in the B+ sample line (or, at
> least R1 is).
> >
> > 3) Exact replacements for the R1 resistor -- a Dale HL-26-02Z --
> are no longer made. I had to substitute a like value resistor made
> by Ohmite, which happens to be one inch shorter. This became an
> issue to solve because of the way the bleeder resistors are mounted.

> Each of the three large bleeder resisters is held in place by metal
> brackets that slip into the hollow ends of each resistor. Because
> the replacement resistor was an inch shorter, the original
> placements of the brackets would not reach. I solved this problem by
> leaving one of the original brackets in its original position
> screwed to the PC board. The bracket for the other end was inserted
> into the resistor and secured to the surface of the PC board using
> high-temp aluminum tape (the type that HVAC guys use). That, and the
> stiffness of the wires soldered to the top are what support the
> resistor, now.
> >
> > 4) Btw, the resistor was purchased from www.NewarkInOne.com which
> was fine to deal with and had no problem with a small order.
> >
> > 73,
> > Tom
> > AFA1IR
> >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
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>
> ---
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way
> to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
>

****
Edmund Leavitt
K7EFL / AFA0AH
****

1346. RF-110A sound proofing material

Yahoo group: harris-radio
Date: 2013-01-06 13:32:54 UTC
From: berndt.wulf
Topic: 1346 Message: 1346

G'day,

the sound proofing material inside the air intake channel and the muffler have aged to the point that any movement will see it break up. What do people use to replace the old material? Does anyone know the type of material its made off?

73, Berndt
VK5ABN

1347. RF-110A - Busman FHL-12U fuseholder

Yahoo group: harris-radio
Date: 2013-01-06 13:44:06 UTC
From: berndt.wulf
Topic: 1347 Message: 1347

G'day,

I'm looking for a Busman FHL-12U fuseholder to replace the missing fuseholder cartridge of a RF-110A amplifier. Please contact me if you have one for sale.

Alternatively, does anyone know if the cartridge of the FHI type fits into the FHL fuseholder? The external dimensions are the same, but the body makeup of the actual fuseholder looks slightly different.

73, Berndt
VK5ABN

1348. Harris manuals and spare cards for sale

Yahoo group: harris-radio
Date: 2013-01-06 17:47:10 UTC
From: rfsystem@sbcglobal.net
Topic: 1348 Message: 1348

Cleaning out an estate for friends wife. He was a collector of commercial/military radios. I don't know much about this other than web searches, cards appear to be spares that are bagged. Most appear to be for Harris RF-590 receivers and manuals for same Harris radio equipment or system. Any questions on cards or manuals and I can send you a picture. Have the following items for sale:

Manuals
RF-3466A $25
RF-601A $25
RF-575 $25
RF-112A $25
RF-1130A-01/02 $50
RF-130-01/02 $50
RF-590 $100
RF-124 $25
RF-110A $50
RF-127-01/02 $50
RF-1310 $100

Cards $25 EA
1001-0414 ASSY PANEL/INTERCONNECT
10073-4500 PLL 5 ASSY RF-590
10073-4400
1001-0241/7634-0034 POWER SUPPLY ASSY
10073-4700 REFERENCE GENERATOR ASSY
10073-5500-02 IF FILTER ASSY ($50)
10073-5300 SECOND CONVERSION ASSY
10073-4600 BFO PWB ASSY
1001-0606/6049-6204 METER AMP PC BOARD
1001-0605/6049-6303 TUNEUP CONTROL PC BOARD ASSY
10121-4700 GENERATOR ASSY
10024-1000-01 PRESELECTOR ($50)
1001-0545-02/10215-6640 RF1317A POST SELECTOR
10073-4100 PLL-1
10121-2800 DISPLAY BACKPLANE?
MK-0009 MICROPHONE $25

All items price plus shipping.

Contact me at rfsystem@...

1349. WTB Harris 5000 side by side mount RF-5072

Yahoo group: harris-radio
Date: 2013-01-11 03:56:39 UTC
From: Richard Johnson
Topic: 1349 Message: 1349

I am searching for the side by side mount for the harris rf 5020 and its 125w amp. I have attached a pic for those groups that allow attachments.
The tray is currently named RF-5072, dont know what older designations might be.
Regards
Rich Johnson

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms?"
Thomas Jefferson

[Non-text portions of this message have been removed]

1350. 5000

Yahoo group: harris-radio
Date: 2013-01-11 06:06:13 UTC
From: dave
Topic: 1350 Message: 1350

do any of you good folks have a spare keyboard or just the membrane for
an rt 5000 or a prc138

tnx dave k7da

1351. Parting out RF-230M

Yahoo group: harris-radio
Date: 2013-01-17 19:40:10 UTC
From: ve1ftl
Topic: 1351 Message: 1351

Hello

I have been given an RF-230M transceiver which appears to be in fair condition; however I have no use for it or inclination to complete any fault finding it may require. It appears complete except for one of the two black clamshell covers (I believe the top and bottom covers are interchangeable). There is no microphone or power supply.

The unit or its parts are FREE to a good home, although any recipients must pay the actual shipping charges. I am located in Nova Scotia, Canada, postal code B0P 1C0, in case you want to estimate postal fees.

Does anyone want the whole rig, or any of the modules? I'm willing to disassemble the chassis to a certain (non-destructive) degree if required.

Please contact me off-group for details.

Thanks,
Jon VE1FTL

1352. RF-530A connector pin-out wanted.

Yahoo group: harris-radio
Date: 2013-01-17 19:45:08 UTC
From: ve1ftl
Topic: 1352 Message: 1352

Hello

Can any of you fine folks provide me with a pin-out of the large "D"-style multi-pin connector on the back of the RF-530A Receiver?
I'm really hoping the AGC voltage is available on that connector. I'd like to feed it to a computer for logging.

Thanks,
Jon VE1FTL

1353. RF-230M Parting out

Yahoo group: harris-radio
Date: 2013-01-18 12:32:49 UTC
From: ve1ftl
Topic: 1353 Message: 1353

Gentlemen:

Thank you for all the inquiries, the interest has been greater than expected. I am sorting through all the requests at this time, some of which overlap. I will try to fill as many orders as possible, but priority will be given in order of your email's arrival, for lack of a better method. Members who contacted me will receive replies directly.
Should there be any "bones" left, I will post the information on this group.

Best Regards,
Jon VE1FTL

1354. RF-5720

Yahoo group: harris-radio
Date: 2013-01-18 18:55:38 UTC
From: i3ldsari@...
Topic: 1354 Message: 1354

I have recently bought one RF-5720 from an eu seller.This modem has been power with connections to battery post terminals and passed self test.It has a battery eliminator on the back with 4 pin connector.I need info on AC main power pin connection.Thanks Lud I3LDS

1355. RE: [harris-radio] RF-5720

Yahoo group: harris-radio
Date: 2013-01-18 19:32:03 UTC
From: D. Emer
Topic: 1354 Message: 1355

Lud,
Attached is the installation manual but it doesn't have the 5720PS pinout
Try downloading the manual from this site it may have the pinout.
http://www.imarksweb.org/book/manual+download+harris+rf+5720/

Dud
KK7IF

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of i3ldsari@...
Sent: Friday, January 18, 2013 10:56 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5720

I have recently bought one RF-5720 from an eu seller.This modem has been power with connections to battery post terminals and passed self test.It has a battery eliminator on the back with 4 pin connector.I need info on AC main power pin connection.Thanks Lud I3LDS

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

[Non-text portions of this message have been removed]

1356. RF-5720

Yahoo group: harris-radio
Date: 2013-01-19 17:02:29 UTC
From: i3ldsari@...
Topic: 1354 Message: 1356

Many thanks Dud for your information but I was not able to find
the pin out. Lud I3LDS

1357. Re: RF-5720

Yahoo group: harris-radio
Date: 2013-01-19 18:47:41 UTC
From: kc2vvb
Topic: 1354 Message: 1357

For your information....
Harris cable # 10284-0705 AC POWER CABLE
connector modem end MS3116J8-4SW
connector AC input end standard 115VAC US plug

Pin A no connection
Pin B one side of AC input L1
Pin C ground pin
Pin D one side of AC input L2

I have this cable and I use it to power my RF-5720 HF Modem.
I used an ohmmeter to do a continuity check on the cable and connector.

I hope this helps you.
Regards,
C. Webb
kc2vvb

--- In harris-radio@yahoogroups.com, i3ldsari@... wrote:
>
> Many thanks Dud for your information but I was not able to find
> the pin out. Lud I3LDS
>

1358. RF-5720

Yahoo group: harris-radio
Date: 2013-01-20 18:39:25 UTC
From: i3ldsari@...
Topic: 1354 Message: 1358

I have followed your information to power my RF-5720 and it has worked fine. Thanks.Lud I3LDS

1359. Re: [harris-radio] RF-530A connector pin-out wanted.

Yahoo group: harris-radio
Date: 2013-01-28 17:08:32 UTC
From: Gord Skiffington
Topic: 1352 Message: 1359

An RF230M and an RF530A....What old oil rig radio room did this stuff come out of :)

--- On Thu, 1/17/13, ve1ftl <rails@...> wrote:

> From: ve1ftl <rails@...>
> Subject: [harris-radio] RF-530A connector pin-out wanted.
> To: harris-radio@yahoogroups.com
> Received: Thursday, January 17, 2013, 2:45 PM
> Hello
>
> Can any of you fine folks provide me with a pin-out of the
> large "D"-style multi-pin connector on the back of the
> RF-530A Receiver?
> I'm really hoping the AGC voltage is available on that
> connector. I'd like to feed it to a computer for logging.
>
> Thanks,
> Jon VE1FTL
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for
> it?
> Does your IP change every day or even every hour? and you
> need a way to get to you PC from outside your home or
> business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>   harris-radio-fullfeatured@yahoogroups.com
>
>

1360. Re: [harris-radio] RF-530A connector pin-out wanted.

Yahoo group: harris-radio
Date: 2013-01-28 18:21:22 UTC
From: Jon Huneault
Topic: 1352 Message: 1360

On Mon, 2013-01-28 at 09:08 -0800, Gord Skiffington wrote:
>
> An RF230M and an RF530A....What old oil rig radio room did this stuff
> come out of :)
>

That's a pretty good guess. I don't have a definitive answer but I strongly suspect it was part of the ground-to-air comms at CFB Greenwood (RCAF). Once made redundant, the set was donated to the Greenwood ARC as a backup for the CFARS operation there (Canadian version of MARS), but likely was never used as the hams preferred the regular ham gear. They were on their way to the dumpster when I decided to give them a new home.

Best regards,
Jon VE1FTL

1361. Harris DC Power Cord ?

Yahoo group: harris-radio
Date: 2013-01-28 17:19:57 UTC
From: Stuart
Topic: 1361 Message: 1361

Hi Group

Do any of you know the pin out arrangement for this plug, as shown here on this site, I have one I need to attach cable to? The other question would be, would harris wire this up for all other similar DC power applications, I need my one to fit a DC DC converter

http://www.american-milspec.com/p-6343-harris-dc-power-cable-for-falcon-rf-5000-amplifier-etc-5-pin.aspx

Thanks in advance

Stuart
G0TBI
QTHR

1362. PRC-138 Keeper battery question.

Yahoo group: harris-radio
Date: 2013-01-31 15:57:57 UTC
From: ke4jko
Topic: 1362 Message: 1362

I need to replace the backup battery in my 138 but, before I go pulling out boards and risking the possibility of screwing-up something; can anyone please tell me on which board the LTC-7PN is located?

1363. RE: [harris-radio] PRC-138 Keeper battery question.

Yahoo group: harris-radio
Date: 2013-01-31 16:20:30 UTC
From: Roger Waldmiller
Topic: 1362 Message: 1363

It Is on the A1 bd 10303-2280

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of ke4jko
Sent: Thursday, January 31, 2013 10:58 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] PRC-138 Keeper battery question.

I need to replace the backup battery in my 138 but, before I go pulling out boards and risking the possibility of screwing-up something; can anyone please tell me on which board the LTC-7PN is located?

[Non-text portions of this message have been removed]

1364. RF-1110A manual/circuits

Yahoo group: harris-radio
Date: 2013-01-31 16:24:51 UTC
From: vk5abc
Topic: 1364 Message: 1364

Hello All

I am looking for some circuits for the RF-1110A amp can anyone help?

73's Lee.

1365. Re: RF-5032PA-125 info

Yahoo group: harris-radio
Date: 2013-01-31 16:36:05 UTC
From: vk5abc
Topic: 1167 Message: 1365

Hello Roger
I was emailing you last year before my computer crashed and I had health problems, I asked you about a shaft encoder for my R-2368 receiver I think.

73's Lee.

--- In harris-radio@yahoogroups.com, "Roger Waldmiller" wrote:
>
> Hi Lee;
>
> I may be able to help on this .
>
> Contact me at waldrgr@...
>
>
>
> Roger
>
>
>
> Roger w
>
> waldrgr@...
>
> k4alphapapa
>
> 3200 ,2000,3230,
>
> 5000, 138, 3201
>
> Rochester NY USA
>
>
>
>
>
>
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of vk5abc
> Sent: Thursday, August 02, 2012 2:48 AM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] RF-5032PA-125 info
>
>

>
>
>
> Hello Everyone
>
> Is there anyone here, that has a RF-5032PA-125, I need a photo of PA stage
> pcb, btw what is the difference between the rf-5031 and the rf-5032?
> Anyone got info for RF-5034PA-400E, maybe a circuit, or internal photos.
>
> 73's Lee.
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

1366. RE: [harris-radio] Re: RF-5032PA-125 info

Yahoo group: harris-radio
Date: 2013-01-31 16:49:03 UTC
From: Roger Waldmiller
Topic: 1167 Message: 1366

Hi Lee:

I do not have any parts for the 2368 rx . I do have a encoder for the 3200 series transceivers . I do not know if they are the same. The harris part number for the 3200 encoder is 10212-2052. It is a the size of a quarter and looks like a VOL POT ,CONTINOUSLY 360 AND HAS 3 LEADS.

One fellow found a replacement ...Newark InOne Part #:58K1371; Rotary Encoder Output Type:2 Bit Quadrature;
Leaded Process Compatible:Yes; Counts Per Revolution:32; Mechanical Angle/Rotation:360 ; Rotational Life Revolutions:1000000; Shaft Length:25mm; Supply Voltage:5VDC

Maybe NEWARK has a replacement for the 2368 if you know the specs.

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of vk5abc
Sent: Thursday, January 31, 2013 11:36 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-5032PA-125 info

Hello Roger
I was emailing you last year before my computer crashed and I had health problems, I asked you about a shaft encoder for my R-2368 receiver I think.

73's Lee.

--- In harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
, "Roger Waldmiller" wrote:
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> Hi Lee;
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> I may be able to help on this .

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> Contact me at waldrgr@...
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> Roger
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> k4alphapapa
>
> 3200 ,2000,3230,
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> 5000, 138, 3201
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> Rochester NY USA
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> From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
[mailto:harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
] On
> Behalf Of vk5abc
> Sent: Thursday, August 02, 2012 2:48 AM
> To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> Subject: [harris-radio] RF-5032PA-125 info
>
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>
>
>
> Hello Everyone
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> Is there anyone here, that has a RF-5032PA-125, I need a photo of PA stage
> pcb, btw what is the difference between the rf-5031 and the rf-5032?
> Anyone got info for RF-5034PA-400E, maybe a circuit, or internal photos.
>
> 73's Lee.
>
>
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>

>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

1367. Re: PRC-138 Keeper battery question.

Yahoo group: harris-radio
Date: 2013-01-31 17:26:50 UTC
From: ke4jko
Topic: 1362 Message: 1367

Thanks!!!!!

--- In harris-radio@yahoogroups.com, "Roger Waldmiller" wrote:
>
> It Is on the A1 bd 10303-2280
>
>
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of ke4jko
> Sent: Thursday, January 31, 2013 10:58 AM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] PRC-138 Keeper battery question.
>
>
>
>
>
> I need to replace the backup battery in my 138 but, before I go pulling out
> boards and risking the possibility of screwing-up something; can anyone
> please tell me on which board the LTC-7PN is located?
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>
>
>
>
> [Non-text portions of this message have been removed]
>

1368. R-2368/RF-590A shaft encoder

Yahoo group: harris-radio
Date: 2013-01-31 19:07:09 UTC
From: vk5abc
Topic: 1368 Message: 1368

Hello All

Does anyone have a spare shaft encoder for the R-2368/RF-590A they can sell me, please contact me by direct email.

73's Lee.

1369. Parting out of RF-230M - final

Yahoo group: harris-radio
Date: 2013-02-01 18:52:00 UTC
From: ve1ftl
Topic: 1369 Message: 1369

Gentlemen:

The deal has been done. The first respondent has elected to take the entire unit and it has been shipped. He has also indicated he may have some parts left over. Accordingly, I have forwarded the emails of the other respondents to him, and he will contact you directly.

Thanks to all who expressed interest, and in particular to those who
replied to my query about the RF-530 D-connector pin-out. That issue has been solved.

73,
Jon VE1FTL

1370. WTB: Harris RF-590/R2368 Heatsink

Yahoo group: harris-radio
Date: 2013-02-05 14:35:05 UTC
From: berndt.wulf
Topic: 1370 Message: 1370

G'day,

I'm after the power supply heatsink for a Harris R2368 receiver, which to my best knowledge is identical to that of a RF-590.

Please contact me off-the-list if you have one for sale?

73, Berndt
VK5ABN

1371. PRC-138 Technical Manual

Yahoo group: harris-radio
Date: 2013-02-05 17:52:37 UTC
From: ke4jko
Topic: 1371 Message: 1371

Hi folks:
I'm in need of the RF HARRIS Technical Manual for the AN/PRC-138. Please provide price.
Thanks,
Tom

1372. Re: PRC-138 Technical Manual

Yahoo group: harris-radio
Date: 2013-02-05 21:01:18 UTC
From: Kurt Lesser
Topic: 1371 Message: 1372

Tom,

Just download it here:

http://richardsjohnson.net/sitebuildercontent/sitebuilderfiles/prc-138-harris-rf-5200.pdf

Kurt

KG6KMJ

--- In harris-radio@yahoogroups.com, "ke4jko" wrote:
>
> Hi folks:
> I'm in need of the RF HARRIS Technical Manual for the AN/PRC-138. Please provide price.
> Thanks,
> Tom
>

1373. Re: PRC-138 Technical Manual

Yahoo group: harris-radio
Date: 2013-02-07 14:04:48 UTC
From: ke4jko
Topic: 1371 Message: 1373

Hi Kurt:
Thanks but I'm looking for the tech manual.
Tom

--- In harris-radio@yahoogroups.com, "Kurt Lesser" wrote:
>
>
> Tom,
>
> Just download it here:
>
>
http://richardsjohnson.net/sitebuildercontent/sitebuilderfiles/prc-138-harris-rf-5200.pdf
>
> Kurt
>
> KG6KMJ
>
>
>
> --- In harris-radio@yahoogroups.com, "ke4jko" wrote:
> >
> > Hi folks:
> > I'm in need of the RF HARRIS Technical Manual for the AN/PRC-138. Please provide price.
> > Thanks,
> > Tom
> >
>

1374. Re: RF-110A sound proofing material

Yahoo group: harris-radio
Date: 2013-02-08 10:03:27 UTC
From: f1frv
Topic: 1346 Message: 1374

http://www.shopatbrown.com/products/3M_Scotch_Brite_Scouring_Pads
73's
dom

--- In harris-radio@yahoogroups.com, "berndt.wulf" wrote:
>
> G'day,
>
> the sound proofing material inside the air intake channel and the muffler have aged to the point that any movement will see it break up. What do people use to replace the old material? Does anyone know the type of material its made off?
>
> 73, Berndt
> VK5ABN
>

1375. Re: PRC-138 Technical Manual

Yahoo group: harris-radio
Date: 2013-02-08 18:41:18 UTC
From: Kurt Lesser
Topic: 1371 Message: 1375

Tom,

I think that's about as technical as your going to get from Harris on anything modern. They're not very forthcoming with schematics and such.

Kurt

--- In harris-radio@yahoogroups.com, "ke4jko" wrote:
>
> Hi Kurt:
> Thanks but I'm looking for the tech manual.
> Tom
>
> --- In harris-radio@yahoogroups.com, "Kurt Lesser" wrote:
> >
> >
> > Tom,
> >
> > Just download it here:
> >
> >
http://richardsjohnson.net/sitebuildercontent/sitebuilderfiles/prc-138-harris-rf-5200.pdf
> >
> > Kurt
> >
> > KG6KMJ
> >
> >
> >
> > --- In harris-radio@yahoogroups.com, "ke4jko" wrote:
> > >
> > > Hi folks:
> > > I'm in need of the RF HARRIS Technical Manual for the AN/PRC-138. Please provide
price.
> > > Thanks,
> > > Tom
> > >
> >
>

1376. Re: PRC-138 Technical Manual

Yahoo group: harris-radio
Date: 2013-02-08 19:10:49 UTC
From: Mark
Topic: 1371 Message: 1376

The problem with schematics and such for these radios is that the Gov't has put export restrictions on them all. And since there's no way of telling where it would ultimately end up, Harris can't put them out there for us.

It sucks but that's how it is.

If somebody else has manuals they want to post, that's up to them and Harris has no control over that happening. Just don't hold your breath waiting for Harris to put one up.

Mark

--- In harris-radio@yahoogroups.com, "Kurt Lesser" wrote:
>
> Tom,
>
> I think that's about as technical as your going to get from Harris on anything modern. They're not very forthcoming with schematics and such.
>
> Kurt
>
>
>
>
> --- In harris-radio@yahoogroups.com, "ke4jko" wrote:
> >
> > Hi Kurt:
> > Thanks but I'm looking for the tech manual.
> > Tom
> >
> > --- In harris-radio@yahoogroups.com, "Kurt Lesser" wrote:
> > >
> > >
> > > Tom,
> > >
> > > Just download it here:
> > >
> > >
http://richardsjohnson.net/sitebuildercontent/sitebuilderfiles/prc-138-harris-rf-5200.pdf
> > >
> > > Kurt
> > >
> > > KG6KMJ
> > >
> > >
> > >
> > > --- In harris-radio@yahoogroups.com, "ke4jko" wrote:

> > > >
> > > > Hi folks:
> > > > I'm in need of the RF HARRIS Technical Manual for the AN/PRC-138. Please provide price.
> > > > Thanks,
> > > > Tom
> > > >
> > >
> >
>

1377. Re: PRC-138 Technical Manual

Yahoo group: harris-radio
Date: 2013-02-09 16:36:05 UTC
From: murphyjunk
Topic: 1371 Message: 1377

Lets hope the feds do not go after the files in the radio related news groups.

most military manuals are covered under ITAR regs, and not for export.

--- In harris-radio@yahoogroups.com, "Mark" wrote:
>
>
>
> The problem with schematics and such for these radios is that the Gov't has put export restrictions on them all. And since there's no way of telling where it would ultimately end up, Harris can't put them out there for us.
>
> It sucks but that's how it is.
>
> If somebody else has manuals they want to post, that's up to them and Harris has no control over that happening. Just don't hold your breath waiting for Harris to put one up.
>
> Mark
>
> --- In harris-radio@yahoogroups.com, "Kurt Lesser" wrote:
> >
> > Tom,
> >
> > I think that's about as technical as your going to get from Harris on anything modern. They're not very forthcoming with schematics and such.
> >
> > Kurt
> >
> >
> >
> >
> > --- In harris-radio@yahoogroups.com, "ke4jko" wrote:
> > >
> > > Hi Kurt:
> > > Thanks but I'm looking for the tech manual.
> > > Tom
> > >
> > > --- In harris-radio@yahoogroups.com, "Kurt Lesser" wrote:
> > > >
> > > >
> > > > Tom,
> > > >
> > > > Just download it here:
> > > >
> > > >

http://richardsjohnson.net/sitebuildercontent/sitebuilderfiles/prc-138-harris-rf-5200.pdf
> > > >
> > > > Kurt
> > > >
> > > > KG6KMJ
> > > >
> > > >
> > > >
> > > > --- In harris-radio@yahoogroups.com, "ke4jko" wrote:
> > > > >
> > > > > Hi folks:
> > > > > I'm in need of the RF HARRIS Technical Manual for the AN/PRC-138. Please provide price.
> > > > > Thanks,
> > > > > Tom
> > > > >
> > > >
> > >
>

1378. RT-1446 / RF-350 Audio 2 input

Yahoo group: harris-radio
Date: 2013-02-15 01:23:36 UTC
From: Tom
Topic: 1378 Message: 1378

Anyone have any ideas about this?

I have an RT-1446/ RF-350 and I want to use the Audio 2 input on the rear panel to connect a Signalink USB interface for sound card modes. I have the pin out. I have made up a cable and connector. I receive audio okay and key the transmit okay (when I select AUD2 for the Audio Source). However, I get no transmit audio to the rig. I have checked the Line Level control on the front panel. It is mid-range. I have verified that I have continuity from one end of the cable to the other on the appropriate pin (5). I have verified that the transmit level on the Signalink is mid-line. (It works fine on another radio, so there is no issue with the Signalink or computer). Can anyone think of anything else I need to check that I may have overlooked?

Thanks,
Tom

1379. Re: [harris-radio] RT-1446 / RF-350 Audio 2 input

Yahoo group: harris-radio
Date: 2013-02-15 01:36:11 UTC
From: Joseph Pinner
Topic: 1378 Message: 1379

I should work. I use the same setup for MT-63 on mine.

Joseph Pinner +
Kingston, TN
KC5IJD / NNN0PHR

----- Original Message -----
From: "Tom" <afa1ir@...>
To: <harris-radio@yahoogroups.com>
Sent: Thursday, February 14, 2013 8:23 PM
Subject: [harris-radio] RT-1446 / RF-350 Audio 2 input

> Anyone have any ideas about this?
>
> I have an RT-1446/ RF-350 and I want to use the Audio 2 input on the rear
> panel to connect a Signalink USB interface for sound card modes. I have
> the pin out. I have made up a cable and connector. I receive audio okay
> and key the transmit okay (when I select AUD2 for the Audio Source).
> However, I get no transmit audio to the rig. I have checked the Line Level
> control on the front panel. It is mid-range. I have verified that I have
> continuity from one end of the cable to the other on the appropriate pin
> (5). I have verified that the transmit level on the Signalink is mid-line.
> (It works fine on another radio, so there is no issue with the Signalink
> or computer). Can anyone think of anything else I need to check that I may
> have overlooked?
>
> Thanks,
> Tom
>
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to
> get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
>

>
> -----
> No virus found in this message.
> Checked by AVG - www.avg.com
> Version: 2013.0.2899 / Virus Database: 2639/6103 - Release Date: 02/14/13
>

1380. Re: RT-1446 / RF-350 Audio 2 input

Yahoo group: harris-radio
Date: 2013-02-16 19:37:19 UTC
From: Tom
Topic: 1378 Message: 1380

All:

I found my answer. It may be of interest to others. Thanks to those who replied. Here is what I learned:

If you Google something like "Harris RT-1446 Audio 2 pin-out," you find some posts that give you the information. It's not "wrong" but, as it turned out, it wasn't specific enough for me. (Given a 50:50 shot, I'll fail 90% of the time.) The published pin-out shows pins 2 and 3 for RX audio and pins 4 and 5 for TX audio which is correct. But, those RX and TX pairs are not equal (at least on my radio).

When I had the TX audio signal going to pin 5 and had pin 4 grounded, I got no audio to the transmitter. When I reversed the pair, it worked great.

So, for future reference, the more precise pin-outs for Audio 2 on an RT-1446 are as follows:

1- PTT
2 - RX audio ground
3 - RX audio signal
4 - TX audio signal
5 - TX audio ground
6 - common ground
7 - unused
8 - unused
9 - unused

Cheers!
Tom

--- In harris-radio@yahoogroups.com, "Tom" <afa1ir@...> wrote:
>
> Anyone have any ideas about this?
>
> I have an RT-1446/ RF-350 and I want to use the Audio 2 input on the rear panel to connect a Signalink USB interface for sound card modes. I have the pin out. I have made up a cable and connector. I receive audio okay and key the transmit okay (when I select AUD2 for the Audio Source). However, I get no transmit audio to the rig. I have checked the Line Level control on the front panel. It is mid-range. I have verified that I have continuity from one end of the cable to the other on the appropriate pin (5). I have verified that the transmit level on the Signalink is mid-line. (It works fine on another radio, so there is no issue with the Signalink or computer). Can anyone think of anything else I need to check that I may have overlooked?
>
> Thanks,
> Tom
>

1381. Re: [harris-radio] Re: RT-1446 / RF-350 Audio 2 input

Yahoo group: harris-radio
Date: 2013-02-16 20:13:48 UTC
From: Terry
Topic: 1378 Message: 1381

Yes, as you found out you MUST pay attention to polarity.

glad you got it working.

From: Tom <afa1ir@...>
To: harris-radio@yahoogroups.com
Sent: Saturday, February 16, 2013 2:37 PM
Subject: [harris-radio] Re: RT-1446 / RF-350 Audio 2 input

All:

I found my answer. It may be of interest to others. Thanks to those who replied. Here is what I learned:

If you Google something like "Harris RT-1446 Audio 2 pin-out," you find some posts that give you the information. It's not "wrong" but, as it turned out, it wasn't specific enough for me. (Given a 50:50 shot, I'll fail 90% of the time.) The published pin-out shows pins 2 and 3 for RX audio and pins 4 and 5 for TX audio which is correct. But, those RX and TX pairs are not equal (at least on my radio).

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2 - RX audio ground
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4 - TX audio signal
5 - TX audio ground
6 - common ground
7 - unused
8 - unused
9 - unused

Cheers!
Tom

--- In mailto:harris-radio%40yahoogroups.com, "Tom" wrote:
>
> Anyone have any ideas about this?
>
> I have an RT-1446/ RF-350 and I want to use the Audio 2 input on the rear panel to connect a Signalink USB interface for sound card modes. I have the pin out. I have made up a cable and connector. I receive audio okay and key the transmit okay (when I select AUD2 for the Audio Source). However, I get no transmit audio to the rig. I have checked the Line

Level control on the front panel. It is mid-range. I have verified that I have continuity from one end of the cable to the other on the appropriate pin (5). I have verified that the transmit level on the Signalink is mid-line. (It works fine on another radio, so there is no issue with the Signalink or computer). Can anyone think of anything else I need to check that I may have overlooked?
>
> Thanks,
> Tom
>

[Non-text portions of this message have been removed]

1382. Re: [harris-radio] Re: RT-1446 / RF-350 Audio 2 input

Yahoo group: harris-radio
Date: 2013-02-16 20:19:28 UTC
From: N2CKH
Topic: 1378 Message: 1382

Hi Tom,

Be glad you are not looking to use the radio with
an external modem while under computer control, it gets even more complicated.

/s/ Steve, N2CKH

At 02:37 PM 2/16/2013, you wrote:
>
>
>All:
>
>I found my answer. It may be of interest to
>others. Thanks to those who replied. Here is what I learned:
>
>If you Google something like "Harris RT-1446
>Audio 2 pin-out," you find some posts that give
>you the information. It's not "wrong" but, as it
>turned out, it wasn't specific enough for me.
>(Given a 50:50 shot, I'll fail 90% of the time.)
>The published pin-out shows pins 2 and 3 for RX
>audio and pins 4 and 5 for TX audio which is
>correct. But, those RX and TX pairs are not equal (at least on my radio).
>
>When I had the TX audio signal going to pin 5
>and had pin 4 grounded, I got no audio to the
>transmitter. When I reversed the pair, it worked great.
>
>So, for future reference, the more precise
>pin-outs for Audio 2 on an RT-1446 are as follows:
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>4 - TX audio signal
>5 - TX audio ground
>6 - common ground
>7 - unused
>8 - unused
>9 - unused
>
>Cheers!
>Tom
>
>--- In
><mailto:harris-radio%40yahoogroups.com>harris-radio@yahoogroups.com,

>"Tom" wrote:
> >
> > Anyone have any ideas about this?
> >
> > I have an RT-1446/ RF-350 and I want to use
> the Audio 2 input on the rear panel to connect
> a Signalink USB interface for sound card modes.
> I have the pin out. I have made up a cable and
> connector. I receive audio okay and key the
> transmit okay (when I select AUD2 for the Audio
> Source). However, I get no transmit audio to
> the rig. I have checked the Line Level control
> on the front panel. It is mid-range. I have
> verified that I have continuity from one end of
> the cable to the other on the appropriate pin
> (5). I have verified that the transmit level on
> the Signalink is mid-line. (It works fine on
> another radio, so there is no issue with the
> Signalink or computer). Can anyone think of
> anything else I need to check that I may have overlooked?
> >
> > Thanks,
> > Tom
> >
>
>

[Non-text portions of this message have been removed]

1383. Re: [harris-radio] Re: RT-1446 / RF-350 Audio 2 input

Yahoo group: harris-radio
Date: 2013-02-17 02:24:08 UTC
From: Tom C
Topic: 1378 Message: 1383

I am!!

As Clint Eastwood would say, "A man's got to know his limitations!"

T

From: N2CKH <n2ckh@...>
To: harris-radio@yahoogroups.com
Sent: Saturday, February 16, 2013 3:19 PM
Subject: Re: [harris-radio] Re: RT-1446 / RF-350 Audio 2 input

Hi Tom,

Be glad you are not looking to use the radio with
an external modem while under computer control, it gets even more complicated.

/s/ Steve, N2CKH

At 02:37 PM 2/16/2013, you wrote:
>
>
>All:
>
>I found my answer. It may be of interest to
>others. Thanks to those who replied. Here is what I learned:
>
>If you Google something like "Harris RT-1446
>Audio 2 pin-out," you find some posts that give
>you the information. It's not "wrong" but, as it
>turned out, it wasn't specific enough for me.
>(Given a 50:50 shot, I'll fail 90% of the time.)
>The published pin-out shows pins 2 and 3 for RX
>audio and pins 4 and 5 for TX audio which is
>correct. But, those RX and TX pairs are not equal (at least on my radio).
>
>When I had the TX audio signal going to pin 5
>and had pin 4 grounded, I got no audio to the
>transmitter. When I reversed the pair, it worked great.
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>So, for future reference, the more precise
>pin-outs for Audio 2 on an RT-1446 are as follows:
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>6 - common ground
>7 - unused
>8 - unused
>9 - unused
>
>Cheers!
>Tom
>
>--- In
>harris-radio@yahoogroups.com,
>"Tom" wrote:
> >
> > Anyone have any ideas about this?
> >
> > I have an RT-1446/ RF-350 and I want to use
> the Audio 2 input on the rear panel to connect
> a Signalink USB interface for sound card modes.
> I have the pin out. I have made up a cable and
> connector. I receive audio okay and key the
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> Source). However, I get no transmit audio to
> the rig. I have checked the Line Level control
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> verified that I have continuity from one end of
> the cable to the other on the appropriate pin
> (5). I have verified that the transmit level on
> the Signalink is mid-line. (It works fine on
> another radio, so there is no issue with the
> Signalink or computer). Can anyone think of
> anything else I need to check that I may have overlooked?
> >
> > Thanks,
> > Tom
> >
>
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1384. Re: [harris-radio] Re: RT-1446 / RF-350 Audio 2 input

Yahoo group: harris-radio
Date: 2013-02-17 02:25:28 UTC
From: Tom C
Topic: 1378 Message: 1384

Happy to do so...now that I know there's a polarity issue. I never heard of an isolation transformer having polarity before.

T

From: Terry <ab8al@...>
To: "harris-radio@yahoogroups.com" <harris-radio@yahoogroups.com>
Sent: Saturday, February 16, 2013 3:13 PM
Subject: Re: [harris-radio] Re: RT-1446 / RF-350 Audio 2 input

Yes, as you found out you MUST pay attention to polarity.

glad you got it working.

From: Tom afa1ir@...>
To: harris-radio@yahoogroups.com
Sent: Saturday, February 16, 2013 2:37 PM
Subject: [harris-radio] Re: RT-1446 / RF-350 Audio 2 input

All:

I found my answer. It may be of interest to others. Thanks to those who replied. Here is what I learned:

If you Google something like "Harris RT-1446 Audio 2 pin-out," you find some posts that give you the information. It's not "wrong" but, as it turned out, it wasn't specific enough for me. (Given a 50:50 shot, I'll fail 90% of the time.) The published pin-out shows pins 2 and 3 for RX audio and pins 4 and 5 for TX audio which is correct. But, those RX and TX pairs are not equal (at least on my radio).

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So, for future reference, the more precise pin-outs for Audio 2 on an RT-1446 are as follows:

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2 - RX audio ground
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4 - TX audio signal
5 - TX audio ground
6 - common ground
7 - unused
8 - unused
9 - unused

Cheers!
Tom

--- In mailto:harris-radio%40yahoogroups.com, "Tom" wrote:
>
> Anyone have any ideas about this?
>
> I have an RT-1446/ RF-350 and I want to use the Audio 2 input on the rear panel to connect a Signalink USB interface for sound card modes. I have the pin out. I have made up a cable and connector. I receive audio okay and key the transmit okay (when I select AUD2 for the Audio Source). However, I get no transmit audio to the rig. I have checked the Line Level control on the front panel. It is mid-range. I have verified that I have continuity from one end of the cable to the other on the appropriate pin (5). I have verified that the transmit level on the Signalink is mid-line. (It works fine on another radio, so there is no issue with the Signalink or computer). Can anyone think of anything else I need to check that I may have overlooked?
>
> Thanks,
> Tom
>

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1385. Re: RT-1446 / RF-350 Audio 2 input

Yahoo group: harris-radio
Date: 2013-02-17 18:17:09 UTC
From: Tisha Hayes
Topic: 1385 Message: 1385

Checking "the big book" 10085-0705C, pages 7-291/ 7-292 on the schematic of the A1A16 Intfc Assy. The pins change depending upon if the 2 wire or 4 wire switches are thrown.

If they are set to 4 wire the pinouts are;

"Patch In" lines 1,2
"Patch Out" lines 3,4

"Line In" lines 5,6
"Line Out" lines 7,8

If they are set to 2 wire the pinouts are;

Patch In/Out lines 2,3
Line In/Out lines 6,7

If the patch connections are used at all they are isolated by relay K1 on the A1A16 board and will be infinite open if patch(not) is not asserted low (15 volt relay)

Also, if you use 2 wire there are adjustment pots on A1A16 for balance of the TX/RX levels (R1,R5) of the patch and line.

You can do something like have the patch on 2 wire and the line on 4 wire, it just depends if you select switch S1 and/or S2. These are 4PDT switches (with a pole unused on each switch).

According to the book the connections on TB1 are;

1. Patch In
2. Patch In/ Patch 2W
3. Patch Out/ Patch 2W
4. Patch Out

5. Line In
6. Line In/ Line 2W
7. Line Out/ Line 2W
8. Line Out

9. Spare
10. AGC
11. Key(not)
12. Ground

--
Ms. Tisha Hayes/ AA4HA

"neque est alter hujus universi locus quam anima"
('For there is for this universe no other place than the soul or mind')
-Arthur Schopenhauer

[Non-text portions of this message have been removed]

1386. Re: RT-1446 / RF-350 Audio 2 input

Yahoo group: harris-radio
Date: 2013-02-18 17:53:12 UTC
From: GRG
Topic: 1385 Message: 1386

There is supposed to be a audio mod for the RF-350 for those who have poor audio on transmit. Does anyone have that mod? if also could you post it to the website/?
Thanks, George AFA6GG, W5GRG

1387. LO Band PLL

Yahoo group: harris-radio
Date: 2013-02-18 23:06:01 UTC
From: Mauro Donadio
Topic: 1387 Message: 1387

Hi,

I have a Harris RF550 that I'm trying to restore. Altought I bought the service manual of it, it came missing the diagrams of the LO Band PLL circuit, from the A2A14 module. The diagram that specifically interests me is from the plate that have the LM7812 regulator.

There's someone who have this?

Thank you.

--
Mauro Donadio
PY3MD

1388. RE: [harris-radio] LO Band PLL

Yahoo group: harris-radio
Date: 2013-02-19 00:46:43 UTC
From: Roger Waldmiller
Topic: 1387 Message: 1388

Hi PY3MD

Are you referring to missing pages 13/14 and 15/16 schematics?

Roger

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Mauro Donadio
Sent: Monday, February 18, 2013 6:06 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] LO Band PLL

Hi,

I have a Harris RF550 that I'm trying to restore. Altought I bought the service manual of it, it came missing the diagrams of the LO Band PLL circuit, from the A2A14 module. The diagram that specifically interests me is from the plate that have the LM7812 regulator.

There's someone who have this?

Thank you.

--
Mauro Donadio
PY3MD

[Non-text portions of this message have been removed]

1389. Re: [harris-radio] LO Band PLL

Yahoo group: harris-radio
Date: 2013-02-19 22:53:35 UTC
From: Mauro Donadio
Topic: 1387 Message: 1389

Yes... I think. My copy of the manual came with the page numbering cropped in the photocopy, therefore I'm unsure about what page it is exactly.

Those pages are the ones who contain the circuit diagram of the LO Band PLL? If yes, can you send to me privately, as to avoid copyright and DMCA issues?

Thank you so much.

--
Mauro Donadio
PY3MD

Em 18/02/2013 21:46, Roger Waldmiller escreveu:
> Hi PY3MD
>
> Are you referring to missing pages 13/14 and 15/16 schematics?
>
> Roger
>

1390. RE: [harris-radio] LO Band PLL

Yahoo group: harris-radio
Date: 2013-02-20 16:16:10 UTC
From: Roger Waldmiller
Topic: 1387 Message: 1390

Hello Maurio;

Attached is A2A14

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Mauro Donadio
Sent: Tuesday, February 19, 2013 5:54 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] LO Band PLL

Yes... I think. My copy of the manual came with the page numbering cropped in the photocopy, therefore I'm unsure about what page it is exactly.

Those pages are the ones who contain the circuit diagram of the LO Band PLL? If yes, can you send to me privately, as to avoid copyright and DMCA issues?

Thank you so much.

--
Mauro Donadio
PY3MD

Em 18/02/2013 21:46, Roger Waldmiller escreveu:
> Hi PY3MD
>
> Are you referring to missing pages 13/14 and 15/16 schematics?
>
> Roger
>

[Non-text portions of this message have been removed]

1391. AM-7223 band switch

Yahoo group: harris-radio
Date: 2013-02-21 04:50:45 UTC
From: w8ozy
Topic: 1391 Message: 1391

Does anyone have a parts AM-7223? I need S1(Auto/Manual Band) from the Front Panel PWB 1A1A7A1-S1. I could try ordering a Grayhill switch but I only have the military part numbers---S25-0002-002 or 55P3001110NF. Any help would be appreciated!

1392. Help with ribless cable . . .

Yahoo group: harris-radio
Date: 2013-02-21 06:06:17 UTC
From: wkoby1
Topic: 1392 Message: 1392

As a newbie to the EDACS world, I am trying to program a Jaguar 700P as a receive-only unit. I've got the radio and an OEM original Programmer R18 disk but still need a ribless cable, equivalent to the Tyco/Harris TQ3419.

Being retired and on a budget, I am seeing whether building my own cable would be feasible since I have a DB9 cable with all 9 leads and a UDC.

Does anyone happen to have the schematic for that cable or a workable equivalent?

Thanks

1393. Re: [harris-radio] AM-7223 band switch

Yahoo group: harris-radio
Date: 2013-02-21 13:30:32 UTC
From: Jamey Wright
Topic: 1391 Message: 1393

If you have any luck finding the switch, please let me know. I need one also, I found some Grayhill switches on ebay a while back but they are not and exact replacement and I am not very happy with the results.

Jamey
WR4JW

----- Original Message -----
From: w8ozy [mailto:w8ozy@...]
Sent: Wednesday, February 20, 2013 10:50 PM
To: harris-radio@yahoogroups.com <harris-radio@yahoogroups.com>
Subject: [harris-radio] AM-7223 band switch

Does anyone have a parts AM-7223? I need S1(Auto/Manual Band) from the Front Panel PWB 1A1A7A1-S1. I could try ordering a Grayhill switch but I only have the military part numbers---S25-0002-002 or 55P3001110NF. Any help would be appreciated!

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

1394. Re: AM-7223 band switch

Yahoo group: harris-radio
Date: 2013-02-23 10:50:07 UTC
From: f1frv
Topic: 1391 Message: 1394

http://radiospares-fr.rs-online.com/web/p/interrupteurs-a-levier/7109454/
also in RS USA
http://www.alliedelec.com/search/productdetail.aspx?SKU=R1114818

the supplied washer centers into 12 mm front plate hole

73s
dom
PS

other harris amps info and mods in my web site

--- In harris-radio@yahoogroups.com, "w8ozy" <w8ozy@...> wrote:
>
> Does anyone have a parts AM-7223? I need S1(Auto/Manual Band) from the Front Panel PWB 1A1A7A1-S1. I could try ordering a Grayhill switch but I only have the military part numbers---S25-0002-002 or 55P3001110NF. Any help would be appreciated!
>

1395. Re: AM-7223 band switch

Yahoo group: harris-radio
Date: 2013-02-23 15:56:44 UTC
From: f1frv
Topic: 1391 Message: 1395

Sorry, my answer was not for the rotary switch
73's
dom

--- In harris-radio@yahoogroups.com, "f1frv" <f1frv@...> wrote:
>
> http://radiospares-fr.rs-online.com/web/p/interrupteurs-a-levier/7109454/
> also in RS USA
> http://www.alliedelec.com/search/productdetail.aspx?SKU=R1114818
>
> the supplied washer centers into 12 mm front plate hole
>
> 73s
> dom
> PS
>
> other harris amps info and mods in my web site
>
> --- In harris-radio@yahoogroups.com, "w8ozy" <w8ozy@> wrote:
> >
> > Does anyone have a parts AM-7223? I need S1(Auto/Manual Band) from the Front Panel PWB 1A1A7A1-S1. I could try ordering a Grayhill switch but I only have the military part numbers---S25-0002-002 or 55P3001110NF. Any help would be appreciated!
> >
>

1396. wrb prc 138

Yahoo group: harris-radio
Date: 2013-02-25 18:18:10 UTC
From: lcraciun2007
Topic: 1396 Message: 1396

WTB prc 138
I have a prc 104b that like to trade as optional.
Thanks
Lee

1397. Re: AM-7223 band switch

Yahoo group: harris-radio
Date: 2013-02-25 20:36:37 UTC
From: w8ozy
Topic: 1391 Message: 1397

I found a replacement for S1 & S2 on the Front Panel PCB. The switch is a Grayhill 51DP30-01-1-AJN. No modifications necessary, the switch mounts just like the original. You can purchase it from Digi-Key, part # GH7278-ND (about $20).

--- In harris-radio@yahoogroups.com, Jamey Wright <jamey.wright@...> wrote:
>
> If you have any luck finding the switch, please let me know. I need one also, I found some Grayhill switches on ebay a while back but they are not and exact replacement and I am not very happy with the results.
>
> Jamey
> WR4JW
>
> ----- Original Message -----
> From: w8ozy [mailto:w8ozy@...]
> Sent: Wednesday, February 20, 2013 10:50 PM
> To: harris-radio@yahoogroups.com <harris-radio@yahoogroups.com>
> Subject: [harris-radio] AM-7223 band switch
>
> Does anyone have a parts AM-7223? I need S1(Auto/Manual Band) from the Front Panel PWB 1A1A7A1-S1. I could try ordering a Grayhill switch but I only have the military part numbers---S25-0002-002 or 55P3001110NF. Any help would be appreciated!
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>

1398. Re: AM-7223 band switch

Yahoo group: harris-radio
Date: 2013-02-27 10:38:34 UTC
From: f1frv
Topic: 1391 Message: 1398

yes
thanks
from my side i also searched and found:

ROTARY SWITCH 55P3001110NF CAN BE REPLACED BY 51 OR 56 SERIES

Original 55 Serie (NOW OBSOLETE)
http://dkc3.digikey.com/PDF/FR2011-FR/P2473.pdf
http://media.digikey.com/pdf/Data%20Sheets/Grayhill%20PDFs/55DP36-x%20Drawing.pdf
///////////////////////////////////
EXACT REPLACEMENT
http://fr.farnell.com/grayhill/51cdp30-01-1-ajn/switch-rotary-sp12t-200ma-220v/dp/1384618
http://www.digikey.fr/product-detail/fr/51DP30-01-1-AJN/GH7278-ND/764221
http://www.grayhill.com/web1/images/ProductImages/Rotary_50,51.pdf
///////////////////////////////////
Alternatives (LESS EXPANSIVES) body length 0.48" (12.19 mm) instead of 0.537" (13.64 mm)
http://fr.farnell.com/grayhill/56sdp30-01-1-ajn/commutateur-1pole-12-pos/dp/1190377
http://www.digikey.fr/product-detail/fr/56DP30-01-1-AJN/GH7279-ND/483187
http://www.grayhill.com/web1/images/ProductImages/Rotary_56.pdf
///////////////////////////////////

73s
dom

--- In harris-radio@yahoogroups.com, "w8ozy" <w8ozy@...> wrote:
>
>
>
> I found a replacement for S1 & S2 on the Front Panel PCB. The switch is a Grayhill 51DP30-01-1-AJN. No modifications necessary, the switch mounts just like the original. You can purchase it from Digi-Key, part # GH7278-ND (about $20).
>
> --- In harris-radio@yahoogroups.com, Jamey Wright <jamey.wright@> wrote:
> >
> > If you have any luck finding the switch, please let me know. I need one also, I found some Grayhill switches on ebay a while back but they are not and exact replacement and I am not very happy with the results.
> >
> > Jamey
> > WR4JW
> >
> > ----- Original Message -----
> > From: w8ozy [mailto:w8ozy@]
> > Sent: Wednesday, February 20, 2013 10:50 PM
> > To: harris-radio@yahoogroups.com <harris-radio@yahoogroups.com>
> > Subject: [harris-radio] AM-7223 band switch

> >
> > Does anyone have a parts AM-7223? I need S1(Auto/Manual Band) from the Front Panel PWB 1A1A7A1-S1. I could try ordering a Grayhill switch but I only have the military part numbers---S25-0002-002 or 55P3001110NF. Any help would be appreciated!
> >
> >
> >
> > ----------
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?
> > Do you need a domain name and don't want to pay a lot for it?
> > Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
> >
> > www.2mypc.netYahoo! Groups Links
> >
>

1399. RF-755

Yahoo group: harris-radio
Date: 2013-02-28 06:09:12 UTC
From: jewellwayne
Topic: 1399 Message: 1399

I need a manual for HARRIS RF-755 or RF-765.
I have skimmed all I can from 355 and 353.
I have a fault 2A12 01.
Thanks,
Wayne

1400. Emergency Sale: RF-5022 station

Yahoo group: harris-radio
Date: 2013-02-28 15:50:40 UTC
From: r390b
Topic: 1400 Message: 1400

I have for immediate sale a nice RF5022/RT with ALE and Digital Voice. Includes remote control head bracket with cable, 125 watt amp and coupler with cables. Will post pics ASAP.

Would prefer local pickup, but will take what I can get.

Please email me off-list if interested.

73

Thanks

Tom Norris NU4G
Murfreesboro, TN

(The emergency? My car had to go in for extensive repair.)

1401. M110A shot in the dark...

Yahoo group: harris-radio
Date: 2013-03-01 01:13:08 UTC
From: Tom
Topic: 1401 Message: 1401

Does any MARS member on this group have an M110A hardware modem operational that could serve as a test for my sound card/ software type M110A? Just wondering if it would really work.
Tom
AFA1IR

1402. Re: [harris-radio] M110A shot in the dark...

Yahoo group: harris-radio
Date: 2013-03-01 01:18:10 UTC
From: N2CKH
Topic: 1401 Message: 1402

Hi Tom,

It really works.

/s/ Steve, N2CKH

At 08:13 PM 2/28/2013, you wrote:
>
>Does any MARS member on this group have an M110A hardware modem
>operational that could serve as a test for my sound card/ software
>type M110A? Just wondering if it would really work.
>Tom
>AFA1IR

1403. Re: M110A shot in the dark...

Yahoo group: harris-radio
Date: 2013-03-01 02:01:31 UTC
From: Steve
Topic: 1401 Message: 1403

Tom,
I have one, when would like to try it.

Steve
NNN0HSB

--- In harris-radio@yahoogroups.com, "Tom" <afa1ir@...> wrote:
>
> Does any MARS member on this group have an M110A hardware modem operational that could serve as a test for my sound card/ software type M110A? Just wondering if it would really work.
> Tom
> AFA1IR
>

1404. Harris 5022 Station, price reduced

Yahoo group: harris-radio
Date: 2013-03-01 08:58:09 UTC
From: Tom Norris
Topic: 1404 Message: 1404

I have reduced the price of the Harris RF-5022 station to only $2000. Can't go any lower than that.
Need to sell ASAP because of an unexpected vehicle repair.

Here is what you get - one RF-5022E R/T, one Harris 125 watt amp, matching AC power supply, non-Harris 12 to 24 volt invertor, Harris ATU, all cables. I'll throw in a NIVIS antenna if it will help.
Will deliver to your door or meet you half way if that would help. (the latter two would require
payment first so that I have a car to deliver them with.. lol) Otherwise, local pick up in Murfreesboro TN.

Please, please, please reply to me directly and not on the list due to the way my mail is filtered I may
not get your reply.

I'm sorry I've not gotten pics yet, I will do so tomorrow. (Honestly, it looks like any other RF-5000 gear,
all in good shape - no scrapes, dents or other abuse. Radio even has new backup batteries in both
radio and head. Someone suggested I had not posted pics because I wanted to scam folks. No, this is not a scam. I have the flu, I have a crappy camera, that is why I have no pics at the moment.)

Thanks

Tom Norris NU4G

1405. RE: [harris-radio] M110A shot in the dark...

Yahoo group: harris-radio
Date: 2013-03-01 10:39:48 UTC
From: Dr Fred Hambrecht
Topic: 1401 Message: 1405

Tom,

I make my broadcasts using both the soundcard version of 110A and also a Harris RF-5710. There are virtually no differences in normal communications.

The Harris of course can work other STANAG modes, but as far as 110A, a properly adjusted soundcard setup works as well as the Harris.

I monitor my broadcasts with one while transmitting with the other all the time.

Fred NNN0AAG SC

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Tom
Sent: Thursday, February 28, 2013 20:13 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] M110A shot in the dark...

Does any MARS member on this group have an M110A hardware modem operational that could serve as a test for my sound card/ software type M110A? Just wondering if it would really work.
Tom
AFA1IR

[Non-text portions of this message have been removed]

1406. Re: [harris-radio] Re: M110A shot in the dark...

Yahoo group: harris-radio
Date: 2013-03-01 13:14:03 UTC
From: Tom C
Topic: 1401 Message: 1406

Hi, Steve,
If you are near Rochester, NY (I'm in central Massachusetts) we could work almost anytime. I'm around during the day today and plan to be in the shack this evening. I got another reply from a fellow "out west" we are trying to set something up for Saturday.

Do any of those work for you?

Tom Carrigan
AFA1IR / AFE1TM

From: Steve <stevesykes@...>
To: harris-radio@yahoogroups.com
Sent: Thursday, February 28, 2013 9:01 PM
Subject: [harris-radio] Re: M110A shot in the dark...

Tom,
I have one, when would like to try it.

Steve
NNN0HSB

--- In harris-radio@yahoogroups.com, "Tom" wrote:
>
> Does any MARS member on this group have an M110A hardware modem operational that could serve as a test for my sound card/ software type M110A? Just wondering if it would really work.
> Tom
> AFA1IR
>

[Non-text portions of this message have been removed]

1407. Harris 5022 Station, price reduced

Yahoo group: harris-radio
Date: 2013-03-01 15:27:00 UTC
From: Tom Norris
Topic: 1404 Message: 1407

Radio set is sold. Thanks for all that showed interest.

I have reduced the price of the Harris RF-5022 station to only $2000. Can't go any lower than that.

[snip]

Thanks

Tom Norris NU4G

1408. Alphakappa please contact me off list

Yahoo group: harris-radio
Date: 2013-03-04 04:26:14 UTC
From: t
Topic: 1408 Message: 1408

I tried your email but go bounced. please email
me I am looking for some information.

Thanks,
Terry

1409. RE: [harris-radio] Alphakappa please contact me off list

Yahoo group: harris-radio
Date: 2013-03-04 14:29:51 UTC
From: Roger Waldmiller
Topic: 1408 Message: 1409

Hello Terry:

Its k4alphapapa

waldrgr@...

Roger

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of t
Sent: Sunday, March 03, 2013 11:26 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Alphakappa please contact me off list

I tried your email but go bounced. please email
me I am looking for some information.

Thanks,
Terry

[Non-text portions of this message have been removed]

1410. RF-2301

Yahoo group: harris-radio
Date: 2013-03-04 18:28:11 UTC
From: Ariel Mastrandrea
Topic: 1410 Message: 1410

Hello I have a RF-2301 that has been played with and as such the adjustments are all off. I have been looking for a manual or at least a guide to adjustments.
73´

LU1WWW

1411. RF-3200 CW (TX) delay or hang time adjustment

Yahoo group: harris-radio
Date: 2013-03-06 15:41:39 UTC
From: v44kai@...
Topic: 1411 Message: 1411

Hi all,

Name here is Joel, ham radio call sign is (v44kai),

I'm looking for info on the TX hang time or delay for CW operation, is there a configuration that I over looked in the manual? I see hang-time for the squelch, hang-time delay for the AGC (I think)in the service manual on the A7 logic board section.

I will like to shorten the TX hang time for cw operation, it is just to long for my liking when I use it in CW mode, most time I missed the first or 2 character/s after my last code sending,

The only thing I can see to make a change in this regard is on sheet 5 of 11 page 27 of the service manual,

May be in the CW key hold down circuit R27 and C5,

Does anyone know how I can accomplish this without circuit board surgery? I'm sure this would have been considered in the design for CW operation of this radio, it must be there somewhere,

Thanks in advanced for your help,

v44kai.....Joel.

1412. RE: [harris-radio] RF-3200 CW (TX) delay or hang time adjustment

Yahoo group: harris-radio
Date: 2013-03-06 18:09:18 UTC
From: Roger Waldmiller
Topic: 1411 Message: 1412

Hi Joel:

Seeing that C5 and R27 are connected to U1-13 and U1 and C5 are on the top component side of the logic bd . You could add a resistance to U1-13 that would parallel the R27 resistance hence lowering its res and C5 discharge time .

Roger

K4alphapapa

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of v44kai@...
Sent: Wednesday, March 06, 2013 10:42 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-3200 CW (TX) delay or hang time adjustment

Hi all,

Name here is Joel, ham radio call sign is (v44kai),

I'm looking for info on the TX hang time or delay for CW operation, is there a configuration that I over looked in the manual? I see hang-time for the squelch, hang-time delay for the AGC (I think)in the service manual on the A7 logic board section.

I will like to shorten the TX hang time for cw operation, it is just to long for my liking when I use it in CW mode, most time I missed the first or 2 character/s after my last code sending,

The only thing I can see to make a change in this regard is on sheet 5 of 11 page 27 of the service manual,

May be in the CW key hold down circuit R27 and C5,

Does anyone know how I can accomplish this without circuit board surgery? I'm sure this would have been considered in the design for CW operation of this radio, it must be there somewhere,

Thanks in advanced for your help,

v44kai.....Joel.

[Non-text portions of this message have been removed]

1413. Re: [harris-radio] RF-3200 CW (TX) delay or hang time adjustment

Yahoo group: harris-radio
Date: 2013-03-06 18:13:28 UTC
From: Trevor Liburd
Topic: 1411 Message: 1413

Ok sound like we are on the same page Roger, I'll use my resistor decade box, or a variable to find my timing,

v44kai.....Joel.

On Wed, Mar 6, 2013 at 2:09 PM, Roger Waldmiller <waldrgr@...>wrote:

> **
>
>
> Hi Joel:
>
> Seeing that C5 and R27 are connected to U1-13 and U1 and C5 are on the top
> component side of the logic bd . You could add a resistance to U1-13 that
> would parallel the R27 resistance hence lowering its res and C5 discharge
> time .
>
> Roger
>
> K4alphapapa
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> On
> Behalf Of v44kai@...
> Sent: Wednesday, March 06, 2013 10:42 AM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] RF-3200 CW (TX) delay or hang time adjustment
>
>
> Hi all,
>
> Name here is Joel, ham radio call sign is (v44kai),
>
> I'm looking for info on the TX hang time or delay for CW operation, is
> there
> a configuration that I over looked in the manual? I see hang-time for the
> squelch, hang-time delay for the AGC (I think)in the service manual on the
> A7 logic board section.
>
> I will like to shorten the TX hang time for cw operation, it is just to
> long
> for my liking when I use it in CW mode, most time I missed the first or 2
> character/s after my last code sending,
>
> The only thing I can see to make a change in this regard is on sheet 5 of

> 11
> page 27 of the service manual,
>
> May be in the CW key hold down circuit R27 and C5,
>
> Does anyone know how I can accomplish this without circuit board surgery?
> I'm sure this would have been considered in the design for CW operation of
> this radio, it must be there somewhere,
>
> Thanks in advanced for your help,
>
> v44kai.....Joel.
>
> [Non-text portions of this message have been removed]
>
>
>

--
v44kai.....Joel.

[Non-text portions of this message have been removed]

1414. RF-615B Antenna coupler

Yahoo group: harris-radio
Date: 2013-03-07 09:28:09 UTC
From: Willem Noorloos
Topic: 1414 Message: 1414

Hi guys,

Recently bought a Harris RF-615B antenne coupler group.
Looking forward to using it with my AN/GRC-106 set in the Unimog radio truck.
Unfortunately i have not been able to find any documentation on this tuner...
Maybe someone in this group has a manual somewhere in a drawer? Would sure be a big help!

Thnx,

Willem, pa1wan
www.pa1wan.nl

NNNN

1415. Re: RF-3200 CW (TX) delay or hang time adjustment

Yahoo group: harris-radio
Date: 2013-03-07 15:49:55 UTC
From: v44kai@...
Topic: 1411 Message: 1415

Just to update the group,

I put another 680K in parallel with R27 on the A7 logic board and reduces the CW TX hang-time to my satisfaction, putting a 330K in parallel instead of the other 680k gave me a little shorter time which is more to my liking but will use it and see which will be my preference,

If I can find a variable resistor that will cover 680k down, that I can mount in one of the plastic acc. slots at the back, that will be great, I will always have access to it just by putting my fingers on it,

Thanks for the help,

v44kai.....Joel.

--- In harris-radio@yahoogroups.com, "Roger Waldmiller" <waldrgr@...> wrote:
>
> Hi Joel:
>
> Seeing that C5 and R27 are connected to U1-13 and U1 and C5 are on the top
> component side of the logic bd . You could add a resistance to U1-13 that
> would parallel the R27 resistance hence lowering its res and C5 discharge
> time .
>
>
>
> Roger
>
> K4alphapapa
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of v44kai@...
> Sent: Wednesday, March 06, 2013 10:42 AM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] RF-3200 CW (TX) delay or hang time adjustment
>
>
>
>
>
> Hi all,
>
> Name here is Joel, ham radio call sign is (v44kai),
>
> I'm looking for info on the TX hang time or delay for CW operation, is there
> a configuration that I over looked in the manual? I see hang-time for the

> squelch, hang-time delay for the AGC (I think)in the service manual on the
> A7 logic board section.
>
> I will like to shorten the TX hang time for cw operation, it is just to long
> for my liking when I use it in CW mode, most time I missed the first or 2
> character/s after my last code sending,
>
> The only thing I can see to make a change in this regard is on sheet 5 of 11
> page 27 of the service manual,
>
> May be in the CW key hold down circuit R27 and C5,
>
> Does anyone know how I can accomplish this without circuit board surgery?
> I'm sure this would have been considered in the design for CW operation of
> this radio, it must be there somewhere,
>
> Thanks in advanced for your help,
>
> v44kai.....Joel.
>
>
>
>
>
> [Non-text portions of this message have been removed]
>

1416. Re: M110A shot in the dark...

Yahoo group: harris-radio
Date: 2013-03-08 02:18:24 UTC
From: Steve
Topic: 1401 Message: 1416

Tom,
I am the net control for the NAVY MARS 2J1B net on Tuesday at 1830 local. We send data using 110A many nights.

Steve KD2OM
NNN0HSB/NNN0ASI TEN

--- In harris-radio@yahoogroups.com, Tom C <afa1ir@...> wrote:
>
> Hi, Steve,
> If you are near Rochester, NY (I'm in central Massachusetts) we could work almost anytime. I'm around during the day today and plan to be in the shack this evening. I got another reply from a fellow "out west" we are trying to set something up for Saturday.
>
> Do any of those work for you?
>
> Tom Carrigan
> AFA1IR / AFE1TM
>
>
>
>
> _____
> From: Steve <stevesykes@...>
> To: harris-radio@yahoogroups.com
> Sent: Thursday, February 28, 2013 9:01 PM
> Subject: [harris-radio] Re: M110A shot in the dark...
>
>
> Â
> Tom,
> I have one, when would like to try it.
>
> Steve
> NNN0HSB
>
> --- In harris-radio@yahoogroups.com, "Tom" wrote:
> >
> > Does any MARS member on this group have an M110A hardware modem operational that could serve as a test for my sound card/ software type M110A? Just wondering if it would really work.
> > Tom
> > AFA1IR
> >
>

>
>
>
> [Non-text portions of this message have been removed]
>

1417. How To Setup RT-1694/PRC-138 for Channel?

Yahoo group: harris-radio
Date: 2013-03-08 22:17:14 UTC
From: Brooke Clarke
Topic: 1417 Message: 1417

Hi:

I'd like to setup an RT-1694 for:
Chan Freq Mode
01 01.996 USB
02 03.996 USB
03 07.275 USB

and have those channels survive power off - on.

How to do that?
See: http://www.prc68.com/I/PRC138.html

--
Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

1418. RE: [harris-radio] How To Setup RT-1694/PRC-138 for Channel?

Yahoo group: harris-radio
Date: 2013-03-08 22:48:05 UTC
From: D. Emer
Topic: 1417 Message: 1418

Brooke,
For anything to survive power off you must have a good memory battery.
Set the radio to SSB press PRGM, select CHAN and enter, enter the channel you want to program (01), press enter, Enter the rx frequency, press enter, enter the Tx freq, press enter, enter the side band using the up / down arrows), press enter, use arrow keys to select AGC (slow is good), press enter select the bandwidth (2.7), press enter leave at no for rx only, press enter and you're back to the start.
You can then enter the next set of freqs or press clear twice to return to SSB mode.
Also check whether you want the internal tuner or none using the Prgm, CFIG, then Radio options.
If you have a bad memory battery none of this will work until you enter a security password which is 24458300
You should also add 7296 USB for the army radio nets.

I have the manual I can up load but its 35 megs - do you have a site I can upload it to?
Dud
KK7IF

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Brooke Clarke
Sent: Friday, March 08, 2013 2:17 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] How To Setup RT-1694/PRC-138 for Channel?

Hi:

I'd like to setup an RT-1694 for:
Chan Freq Mode
01 01.996 USB
02 03.996 USB
03 07.275 USB

and have those channels survive power off - on.

How to do that?
See: http://www.prc68.com/I/PRC138.html

--
Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

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Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

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1419. Re: [harris-radio] How To Setup RT-1694/PRC-138 for Channel?

Yahoo group: harris-radio
Date: 2013-03-08 22:52:53 UTC
From: Brooke Clarke
Topic: 1417 Message: 1419

Hi Dud:

OK, where's the memory battery and how to get to it?

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

D. Emer wrote:
> Brooke,
> For anything to survive power off you must have a good memory battery.
> Set the radio to SSB press PRGM, select CHAN and enter, enter the channel
> you want to program (01), press enter, Enter the rx frequency, press enter,
> enter the Tx freq, press enter, enter the side band using the up / down
> arrows), press enter, use arrow keys to select AGC (slow is good), press
> enter select the bandwidth (2.7), press enter leave at no for rx only, press
> enter and you're back to the start.
> You can then enter the next set of freqs or press clear twice to return to
> SSB mode.
> Also check whether you want the internal tuner or none using the Prgm, CFIG,
> then Radio options.
> If you have a bad memory battery none of this will work until you enter a
> security password which is 24458300
> You should also add 7296 USB for the army radio nets.
>
> I have the manual I can up load but its 35 megs - do you have a site I can
> upload it to?
> Dud
> KK7IF
>
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Brooke Clarke
> Sent: Friday, March 08, 2013 2:17 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] How To Setup RT-1694/PRC-138 for Channel?
>
> Hi:
>
> I'd like to setup an RT-1694 for:
> Chan Freq Mode
> 01 01.996 USB
> 02 03.996 USB

> 03 07.275 USB
>
> and have those channels survive power off - on.
>
> How to do that?
> See: http://www.prc68.com/I/PRC138.html
>

1420. RE: [harris-radio] How To Setup RT-1694/PRC-138 for Channel?

Yahoo group: harris-radio
Date: 2013-03-08 22:59:25 UTC
From: D. Emer
Topic: 1417 Message: 1420

It's a yellow battery on the CPU board. Murphy has them:
http://www.murphyjunk.bizland.com/id38.html

http://www.murphyjunk.bizland.com/imagelib/sitebuilder/misc/show_image.html?
linkedwidth=actual&linkpath=http://murphyjunk.bizland.com/sitebuildercontent
/sitebuilderpictures/KEEPER.jpg&target=tlx_pic3nic&title=LTC-7PN MEMORY
BATTERY NEW

It will require unsoldering 4 terminals - but remember which way it came
out.

Do you have a upload site I can send the manual to?
Dud

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of Brooke Clarke
Sent: Friday, March 08, 2013 2:53 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] How To Setup RT-1694/PRC-138 for Channel?

Hi Dud:

OK, where's the memory battery and how to get to it?

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

D. Emer wrote:
> Brooke,
> For anything to survive power off you must have a good memory battery.
> Set the radio to SSB press PRGM, select CHAN and enter, enter the channel
> you want to program (01), press enter, Enter the rx frequency, press
enter,
> enter the Tx freq, press enter, enter the side band using the up / down
> arrows), press enter, use arrow keys to select AGC (slow is good), press
> enter select the bandwidth (2.7), press enter leave at no for rx only,
press
> enter and you're back to the start.
> You can then enter the next set of freqs or press clear twice to return to
> SSB mode.
> Also check whether you want the internal tuner or none using the Prgm,
CFIG,
> then Radio options.

> If you have a bad memory battery none of this will work until you enter a
> security password which is 24458300
> You should also add 7296 USB for the army radio nets.
>
> I have the manual I can up load but its 35 megs - do you have a site I can
> upload it to?
> Dud
> KK7IF
>
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
On
> Behalf Of Brooke Clarke
> Sent: Friday, March 08, 2013 2:17 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] How To Setup RT-1694/PRC-138 for Channel?
>
> Hi:
>
> I'd like to setup an RT-1694 for:
> Chan Freq Mode
> 01 01.996 USB
> 02 03.996 USB
> 03 07.275 USB
>
> and have those channels survive power off - on.
>
> How to do that?
> See: http://www.prc68.com/I/PRC138.html
>

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Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get
to you PC from outside your home or business?

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1421. RE: [harris-radio] How To Setup RT-1694/PRC-138 for Channel?

Yahoo group: harris-radio
Date: 2013-03-09 02:13:01 UTC
From: Roger Waldmiller
Topic: 1417 Message: 1421

Hi

The only battery on an RT 1694 PRC 138 is on the A1A1 10303-2280 card
and is as you say LTN-7PN

It is not called a CPU bd but a interface bd.

The battery voltage also goes out of this bd to the other bd(s)

Roger

K4alphapapa

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of D. Emer
Sent: Friday, March 08, 2013 5:59 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] How To Setup RT-1694/PRC-138 for Channel?

It's a yellow battery on the CPU board. Murphy has them:
http://www.murphyjunk.bizland.com/id38.html

http://www.murphyjunk.bizland.com/imagelib/sitebuilder/misc/show_image.html?
linkedwidth=actual&linkpath=http://murphyjunk.bizland.com/sitebuildercontent
/sitebuilderpictures/KEEPER.jpg&target=tlx_pic3nic&title=LTC-7PN MEMORY
BATTERY NEW

It will require unsoldering 4 terminals - but remember which way it came
out.

Do you have a upload site I can send the manual to?
Dud

-----Original Message-----
From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
[mailto:harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
] On
Behalf Of Brooke Clarke
Sent: Friday, March 08, 2013 2:53 PM
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Subject: Re: [harris-radio] How To Setup RT-1694/PRC-138 for Channel?

Hi Dud:

OK, where's the memory battery and how to get to it?

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

D. Emer wrote:
> Brooke,
> For anything to survive power off you must have a good memory battery.
> Set the radio to SSB press PRGM, select CHAN and enter, enter the channel
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enter,
> enter the Tx freq, press enter, enter the side band using the up / down
> arrows), press enter, use arrow keys to select AGC (slow is good), press
> enter select the bandwidth (2.7), press enter leave at no for rx only,
press
> enter and you're back to the start.
> You can then enter the next set of freqs or press clear twice to return to
> SSB mode.
> Also check whether you want the internal tuner or none using the Prgm,
CFIG,
> then Radio options.
> If you have a bad memory battery none of this will work until you enter a
> security password which is 24458300
> You should also add 7296 USB for the army radio nets.
>
> I have the manual I can up load but its 35 megs - do you have a site I can
> upload it to?
> Dud
> KK7IF
>
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
[mailto:harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
]
On
> Behalf Of Brooke Clarke
> Sent: Friday, March 08, 2013 2:17 PM
> To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
> Subject: [harris-radio] How To Setup RT-1694/PRC-138 for Channel?
>
> Hi:
>
> I'd like to setup an RT-1694 for:
> Chan Freq Mode
> 01 01.996 USB
> 02 03.996 USB
> 03 07.275 USB
>
> and have those channels survive power off - on.
>
> How to do that?

> See: http://www.prc68.com/I/PRC138.html
>

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[Non-text portions of this message have been removed]

1422. Re: [harris-radio] Re: M110A shot in the dark...

Yahoo group: harris-radio
Date: 2013-03-09 13:46:54 UTC
From: Tom C
Topic: 1401 Message: 1422

Hi, Steve,

Sorry I missed your e-mail. I don't check this account as often as some others. Next time you know that you'll be available, try catching me using tccarrigan[at]gmail.com.

73,
Tom

_____
From: Steve <stevesykes@...>
To: harris-radio@yahoogroups.com
Sent: Thursday, March 7, 2013 9:18 PM
Subject: [harris-radio] Re: M110A shot in the dark...

Tom,
I am the net control for the NAVY MARS 2J1B net on Tuesday at 1830 local. We send data using 110A many nights.

Steve KD2OM
NNN0HSB/NNN0ASI TEN

--- In harris-radio@yahoogroups.com, Tom C <afa1ir@...> wrote:
>
> Hi, Steve,
> If you are near Rochester, NY (I'm in central Massachusetts) we could work almost anytime. I'm around during the day today and plan to be in the shack this evening. I got another reply from a fellow "out west" we are trying to set something up for Saturday.
>
> Do any of those work for you?
>
> Tom Carrigan
> AFA1IR / AFE1TM
>
>
>
>
> _____
> From: Steve <stevesykes@...>
> To: harris-radio@yahoogroups.com
> Sent: Thursday, February 28, 2013 9:01 PM
> Subject: [harris-radio] Re: M110A shot in the dark...
>
>
> Â
> Tom,
> I have one, when would like to try it.

>
> Steve
> NNN0HSB
>
> --- In harris-radio@yahoogroups.com, "Tom" wrote:
> >
> > Does any MARS member on this group have an M110A hardware modem operational that could serve as a test for my sound card/ software type M110A? Just wondering if it would really work.
> > Tom
> > AFA1IR
> >
>
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

1423. Re: RF-1110A manual/circuits

Yahoo group: harris-radio
Date: 2013-03-11 13:38:59 UTC
From: rfsystem@sbcglobal.net
Topic: 1364 Message: 1423

What specifically are you looking for?

Greg

--- In harris-radio@yahoogroups.com, "vk5abc" <vk5abc@...> wrote:
>
> Hello All
>
> I am looking for some circuits for the RF-1110A amp can anyone help?
>
> 73's Lee.
>

1424. Programming Cable Help

Yahoo group: harris-radio
Date: 2013-03-13 23:27:43 UTC
From: wkoby1
Topic: 1424 Message: 1424

Anyone out there who's familiar with the Harris/Tyco/Macom/GE/Ericsson/Commnet series (P7100, P5400, LPE200, Jaguar 700P) radios?

I'm trying to avoid buying a ribless cable not knowing how good or bad these two units are, so I've been trying to get some input about building my own cable. I have a DB9 connector with all 9 leads intact, a UDC for the radio side, as well a working USB-to-RS232 adapter.

Seems there are several schools of thought on whether there are any types of circuitry in a ribless cable. Some say a MAX232 chip would suffice, while others speak about a straight-through connection with some pins shorted, etc.

Hopefully there is a guru out there who can qualify this, or someone that may have a schematic or at least may know the LBI library reference for what appears to be a TQ3419 or RPM1132472/35 part number.

Thanks, in advance, for your expertise.

1425. PRC-138 How 2 Set Time?

Yahoo group: harris-radio
Date: 2013-03-13 23:31:19 UTC
From: Brooke Clarke
Topic: 1425 Message: 1425

Hi:

The procedure in the manual gets you to a time display, but I can't see how to change it or get to the date.

--
Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

1426. RE: [harris-radio] PRC-138 How 2 Set Time?

Yahoo group: harris-radio
Date: 2013-03-14 14:39:47 UTC
From: Roger Waldmiller
Topic: 1425 Message: 1426

Hi Brooke

In Manual 10372-0008-01, programming section 4 , page 4-19 shows how to set the TIME.

Regards

K4alphapapa

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Brooke Clarke
Sent: Wednesday, March 13, 2013 7:31 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] PRC-138 How 2 Set Time?

Hi:

The procedure in the manual gets you to a time display, but I can't see how to change it or get to the date.

--
Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

[Non-text portions of this message have been removed]

1427. PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-15 15:07:53 UTC
From: Brooke Clarke
Topic: 1427 Message: 1427

Hi:

I'm getting fault F51 then F71 which is in A8 the RF Power Amp and/or Harmonic Filters.
http://www.prc68.com/I/PRC138.html#Bite1

By connecting the radio output to a power meter and dummy load I am seeing tuning fault errors, so think the problem is
in the radio rather than my antenna.

Is there a known cause for this problem?

--
Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

1428. RE: [harris-radio] PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-15 17:51:06 UTC
From: D. Emer
Topic: 1427 Message: 1428

Brooke,
Turn the internal tuner off and try it into a 50 ohm load.
Try it at high and low power.
Open it up and reseat the boards.
I have the service manual for the 138 I can send to you but its 175 megs. Do you have a upload site I can use?
Dud
KK7IF

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Brooke Clarke
Sent: Friday, March 15, 2013 8:08 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] PRC-138 Fault: A8-F71 Help

Hi:

I'm getting fault F51 then F71 which is in A8 the RF Power Amp and/or Harmonic Filters.
http://www.prc68.com/I/PRC138.html#Bite1

By connecting the radio output to a power meter and dummy load I am seeing tuning fault errors, so think the problem is in the radio rather than my antenna.

Is there a known cause for this problem?

--
Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

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Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

1429. Re: [harris-radio] PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-15 18:17:31 UTC
From: Brooke Clarke
Topic: 1427 Message: 1429

Hi Dud:

I'll try that.

I've got that manual and am studying it.

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

D. Emer wrote:
> Brooke,
> Turn the internal tuner off and try it into a 50 ohm load.
> Try it at high and low power.
> Open it up and reseat the boards.
> I have the service manual for the 138 I can send to you but its 175 megs. Do
> you have a upload site I can use?
> Dud
> KK7IF
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Brooke Clarke
> Sent: Friday, March 15, 2013 8:08 AM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] PRC-138 Fault: A8-F71 Help
>
> Hi:
>
> I'm getting fault F51 then F71 which is in A8 the RF Power Amp and/or
> Harmonic Filters.
> http://www.prc68.com/I/PRC138.html#Bite1
>
> By connecting the radio output to a power meter and dummy load I am seeing
> tuning fault errors, so think the problem is
> in the radio rather than my antenna.
>
> Is there a known cause for this problem?
>

1430. Re: [harris-radio] PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-15 19:37:37 UTC
From: Brooke Clarke
Topic: 1427 Message: 1430

Hi Dud:

All the modules and ribbon cables have been reseated.
Then three tests were run at the geometric center of bands 1 to 7 in CW mode.
Both in SSB mode and then in TEST/VSWR mode where the last keyed frequency and modulation are the default.
I've summarized the results at:
http://www.prc68.com/I/PRC138.html#bfTS

The obvious thing is that the power is decreasing as the frequency goes up. From 20W down to 1 Watt.
The RF power amp has a problem. That may be causing the other problems?

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

D. Emer wrote:
> Brooke,
> Turn the internal tuner off and try it into a 50 ohm load.
> Try it at high and low power.
> Open it up and reseat the boards.
> I have the service manual for the 138 I can send to you but its 175 megs. Do
> you have a upload site I can use?
> Dud
> KK7IF
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> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Brooke Clarke
> Sent: Friday, March 15, 2013 8:08 AM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] PRC-138 Fault: A8-F71 Help
>
> Hi:
>
> I'm getting fault F51 then F71 which is in A8 the RF Power Amp and/or
> Harmonic Filters.
> http://www.prc68.com/I/PRC138.html#Bite1
>
> By connecting the radio output to a power meter and dummy load I am seeing
> tuning fault errors, so think the problem is
> in the radio rather than my antenna.
>

> Is there a known cause for this problem?
>

1431. Re: PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-15 21:58:03 UTC
From: djinni442
Topic: 1427 Message: 1431

Taking a guess, I'd check the 100mW exciter signal going into the PA across all bands. If there is a problem, it should throw a fault, but never know. Bit isn't perfect. Ensure it's not rolling off on you. I'm also guessing that you'd want to check the shift registers U1 & U2 on the A8A2 board. Those are common points between the relays and the data stream controlling that section of the radio.

--- In harris-radio@yahoogroups.com, Brooke Clarke <brooke@...> wrote:
>
> Hi Dud:
>
> All the modules and ribbon cables have been reseated.
> Then three tests were run at the geometric center of bands 1 to 7 in CW mode.
> Both in SSB mode and then in TEST/VSWR mode where the last keyed frequency and modulation are the default.
> I've summarized the results at:
> http://www.prc68.com/I/PRC138.html#bfTS
>
> The obvious thing is that the power is decreasing as the frequency goes up. From 20W down to 1 Watt.
> The RF power amp has a problem. That may be causing the other problems?
>
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
>
> D. Emer wrote:
> > Brooke,
> > Turn the internal tuner off and try it into a 50 ohm load.
> > Try it at high and low power.
> > Open it up and reseat the boards.
> > I have the service manual for the 138 I can send to you but its 175 megs. Do
> > you have a upload site I can use?
> > Dud
> > KK7IF
> >
> > -----Original Message-----
> > From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> > Behalf Of Brooke Clarke
> > Sent: Friday, March 15, 2013 8:08 AM
> > To: harris-radio@yahoogroups.com
> > Subject: [harris-radio] PRC-138 Fault: A8-F71 Help
> >
> > Hi:

> >
> > I'm getting fault F51 then F71 which is in A8 the RF Power Amp and/or
> > Harmonic Filters.
> > http://www.prc68.com/I/PRC138.html#Bite1
> >
> > By connecting the radio output to a power meter and dummy load I am seeing
> > tuning fault errors, so think the problem is
> > in the radio rather than my antenna.
> >
> > Is there a known cause for this problem?
> >
>

1432. RE: [harris-radio] PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-15 22:46:42 UTC
From: D. Emer
Topic: 1427 Message: 1432

Sounds most reasonable but I still wouldn't rule out the harmonic filter. Do you have a spectrum analyzer you can look at the harmonic content and see if it gets nasty above 6 Mhz?
Dud

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Brooke Clarke
Sent: Friday, March 15, 2013 12:38 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help

Hi Dud:

All the modules and ribbon cables have been reseated.
Then three tests were run at the geometric center of bands 1 to 7 in CW mode.
Both in SSB mode and then in TEST/VSWR mode where the last keyed frequency and modulation are the default.
I've summarized the results at:
http://www.prc68.com/I/PRC138.html#bfTS

The obvious thing is that the power is decreasing as the frequency goes up.
From 20W down to 1 Watt.
The RF power amp has a problem. That may be causing the other problems?

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

D. Emer wrote:
> Brooke,
> Turn the internal tuner off and try it into a 50 ohm load.
> Try it at high and low power.
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> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Brooke Clarke

> Sent: Friday, March 15, 2013 8:08 AM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] PRC-138 Fault: A8-F71 Help
>
> Hi:
>
> I'm getting fault F51 then F71 which is in A8 the RF Power Amp and/or
> Harmonic Filters.
> http://www.prc68.com/I/PRC138.html#Bite1
>
> By connecting the radio output to a power meter and dummy load I am seeing
> tuning fault errors, so think the problem is
> in the radio rather than my antenna.
>
> Is there a known cause for this problem?
>

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Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get
to you PC from outside your home or business?

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1433. Re: [harris-radio] PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-16 00:08:26 UTC
From: Brooke Clarke
Topic: 1427 Message: 1433

Hi Did:

Are you saying that even though the harmonic filter is bypassed, the minimum filter path may have a problem?

Yes HP 4395A, but with what CW frequency on the radio?
http://www.prc68.com/I/4395A.shtml

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

D. Emer wrote:
> Sounds most reasonable but I still wouldn't rule out the harmonic filter. Do
> you have a spectrum analyzer you can look at the harmonic content and see if
> it gets nasty above 6 Mhz?
> Dud
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Brooke Clarke
> Sent: Friday, March 15, 2013 12:38 PM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
>
> Hi Dud:
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> All the modules and ribbon cables have been reseated.
> Then three tests were run at the geometric center of bands 1 to 7 in CW
> mode.
> Both in SSB mode and then in TEST/VSWR mode where the last keyed frequency
> and modulation are the default.
> I've summarized the results at:
> http://www.prc68.com/I/PRC138.html#bfTS
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> The obvious thing is that the power is decreasing as the frequency goes up.
> >From 20W down to 1 Watt.
> The RF power amp has a problem. That may be causing the other problems?
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> Have Fun,
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> Brooke Clarke
> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html

>
> D. Emer wrote:
>> Brooke,
>> Turn the internal tuner off and try it into a 50 ohm load.
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>> Open it up and reseat the boards.
>> I have the service manual for the 138 I can send to you but its 175 megs.
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>> you have a upload site I can use?
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>> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> On
>> Behalf Of Brooke Clarke
>> Sent: Friday, March 15, 2013 8:08 AM
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>> Subject: [harris-radio] PRC-138 Fault: A8-F71 Help
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>> Hi:
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>> I'm getting fault F51 then F71 which is in A8 the RF Power Amp and/or
>> Harmonic Filters.
>> http://www.prc68.com/I/PRC138.html#Bite1
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>> By connecting the radio output to a power meter and dummy load I am seeing
>> tuning fault errors, so think the problem is
>> in the radio rather than my antenna.
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>> Is there a known cause for this problem?
>>
>
>
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> www.2mypc.netYahoo! Groups Links
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>
>

1434. RE: [harris-radio] PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-16 00:20:19 UTC
From: D. Emer
Topic: 1427 Message: 1434

Brooke,
Look at a good freq band and then the bad band - any change in spectral content? CW is fine
Do you have a 125 w PA you can connect? It will bypass the 25w 138 amp. Does the test will fail and does the power drop off with frequency the same?
Do you have a service manual?
Dud
KK7IF

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Brooke Clarke
Sent: Friday, March 15, 2013 5:08 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help

Hi Did:

Are you saying that even though the harmonic filter is bypassed, the minimum filter path may have a problem?

Yes HP 4395A, but with what CW frequency on the radio?
http://www.prc68.com/I/4395A.shtml

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

D. Emer wrote:
> Sounds most reasonable but I still wouldn't rule out the harmonic filter. Do
> you have a spectrum analyzer you can look at the harmonic content and see if
> it gets nasty above 6 Mhz?
> Dud
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Brooke Clarke
> Sent: Friday, March 15, 2013 12:38 PM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
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> Hi Dud:

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> mode.
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> and modulation are the default.
> I've summarized the results at:
> http://www.prc68.com/I/PRC138.html#bfTS
>
> The obvious thing is that the power is decreasing as the frequency goes
up.
> >From 20W down to 1 Watt.
> The RF power amp has a problem. That may be causing the other problems?
>
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
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> D. Emer wrote:
>> Brooke,
>> Turn the internal tuner off and try it into a 50 ohm load.
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>> you have a upload site I can use?
>> Dud
>> KK7IF
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>> -----Original Message-----
>> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> On
>> Behalf Of Brooke Clarke
>> Sent: Friday, March 15, 2013 8:08 AM
>> To: harris-radio@yahoogroups.com
>> Subject: [harris-radio] PRC-138 Fault: A8-F71 Help
>>
>> Hi:
>>
>> I'm getting fault F51 then F71 which is in A8 the RF Power Amp and/or
>> Harmonic Filters.
>> http://www.prc68.com/I/PRC138.html#Bite1
>>
>> By connecting the radio output to a power meter and dummy load I am
seeing
>> tuning fault errors, so think the problem is
>> in the radio rather than my antenna.
>>

>> Is there a known cause for this problem?
>>
>
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1435. RE: [harris-radio] PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-16 00:22:27 UTC
From: D. Emer
Topic: 1427 Message: 1435

There are two harmonic filter paths - one path for the 2 MhZ which is then
bypassed to get to the upper harmonic filters switches.
Dud
-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of Brooke Clarke
Sent: Friday, March 15, 2013 5:08 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help

Hi Did:

Are you saying that even though the harmonic filter is bypassed, the minimum
filter path may have a problem?

Yes HP 4395A, but with what CW frequency on the radio?
http://www.prc68.com/I/4395A.shtml

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

D. Emer wrote:
> Sounds most reasonable but I still wouldn't rule out the harmonic filter.
Do
> you have a spectrum analyzer you can look at the harmonic content and see
if
> it gets nasty above 6 Mhz?
> Dud
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
On
> Behalf Of Brooke Clarke
> Sent: Friday, March 15, 2013 12:38 PM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
>
> Hi Dud:
>
> All the modules and ribbon cables have been reseated.
> Then three tests were run at the geometric center of bands 1 to 7 in CW
> mode.
> Both in SSB mode and then in TEST/VSWR mode where the last keyed frequency

> and modulation are the default.
> I've summarized the results at:
> http://www.prc68.com/I/PRC138.html#bfTS
>
> The obvious thing is that the power is decreasing as the frequency goes
up.
> >From 20W down to 1 Watt.
> The RF power amp has a problem. That may be causing the other problems?
>
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
>
> D. Emer wrote:
>> Brooke,
>> Turn the internal tuner off and try it into a 50 ohm load.
>> Try it at high and low power.
>> Open it up and reseat the boards.
>> I have the service manual for the 138 I can send to you but its 175 megs.
> Do
>> you have a upload site I can use?
>> Dud
>> KK7IF
>>
>> -----Original Message-----
>> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> On
>> Behalf Of Brooke Clarke
>> Sent: Friday, March 15, 2013 8:08 AM
>> To: harris-radio@yahoogroups.com
>> Subject: [harris-radio] PRC-138 Fault: A8-F71 Help
>>
>> Hi:
>>
>> I'm getting fault F51 then F71 which is in A8 the RF Power Amp and/or
>> Harmonic Filters.
>> http://www.prc68.com/I/PRC138.html#Bite1
>>
>> By connecting the radio output to a power meter and dummy load I am
seeing
>> tuning fault errors, so think the problem is
>> in the radio rather than my antenna.
>>
>> Is there a known cause for this problem?
>>
>
>
> ------------------------------------

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to you PC from outside your home or business?

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1436. Re: [harris-radio] PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-16 00:36:30 UTC
From: Brooke Clarke
Topic: 1427 Message: 1436

Hi Dud:

The signal path when the harmonic filters are disabled is not at all clear from the schematics. How does the signal get
around the filters?

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

D. Emer wrote:
> Brooke,
> Look at a good freq band and then the bad band - any change in spectral
> content? CW is fine
> Do you have a 125 w PA you can connect? It will bypass the 25w 138 amp. Does
> the test will fail and does the power drop off with frequency the same?
> Do you have a service manual?
> Dud
> KK7IF
>
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Brooke Clarke
> Sent: Friday, March 15, 2013 5:08 PM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
>
> Hi Did:
>
> Are you saying that even though the harmonic filter is bypassed, the minimum
> filter path may have a problem?
>
> Yes HP 4395A, but with what CW frequency on the radio?
> http://www.prc68.com/I/4395A.shtml
>
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
>
> D. Emer wrote:
>> Sounds most reasonable but I still wouldn't rule out the harmonic filter.

> Do
>> you have a spectrum analyzer you can look at the harmonic content and see
> if
>> it gets nasty above 6 Mhz?
>> Dud
>>
>> -----Original Message-----
>> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> On
>> Behalf Of Brooke Clarke
>> Sent: Friday, March 15, 2013 12:38 PM
>> To: harris-radio@yahoogroups.com
>> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
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>> Hi Dud:
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>> All the modules and ribbon cables have been reseated.
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>> and modulation are the default.
>> I've summarized the results at:
>> http://www.prc68.com/I/PRC138.html#bfTS
>>
>> The obvious thing is that the power is decreasing as the frequency goes
> up.
>> >From 20W down to 1 Watt.
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>> Brooke Clarke
>> http://www.PRC68.com
>> http://www.end2partygovernment.com/2012Issues.html
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>> D. Emer wrote:
>>> Brooke,
>>> Turn the internal tuner off and try it into a 50 ohm load.
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>>> I have the service manual for the 138 I can send to you but its 175 megs.
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>>> Dud
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>>> -----Original Message-----
>>> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
>> On
>>> Behalf Of Brooke Clarke

>>> Sent: Friday, March 15, 2013 8:08 AM
>>> To: harris-radio@yahoogroups.com
>>> Subject: [harris-radio] PRC-138 Fault: A8-F71 Help
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>>> Hi:
>>>
>>> I'm getting fault F51 then F71 which is in A8 the RF Power Amp and/or
>>> Harmonic Filters.
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>>> By connecting the radio output to a power meter and dummy load I am
> seeing
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>>> Is there a known cause for this problem?
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>
>
>
>
>

1437. Re: [harris-radio] PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-16 00:45:50 UTC
From: Brooke Clarke
Topic: 1427 Message: 1437

Hi again:

I now see the bypass path. First through the BCB high pass filter then through the 60 MHz low pass filter No. 8.
So a problem with either of those filters would show up.

No, I don't have any external RF power amps.

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

Brooke Clarke wrote:
> Hi Dud:
>
> The signal path when the harmonic filters are disabled is not at all clear from the schematics. How does the signal get
> around the filters?
>
> Have Fun,
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> Brooke Clarke
> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
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> D. Emer wrote:
>> Brooke,
>> Look at a good freq band and then the bad band - any change in spectral
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>> Do you have a 125 w PA you can connect? It will bypass the 25w 138 amp. Does
>> the test will fail and does the power drop off with frequency the same?
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>> -----Original Message-----
>> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
>> Behalf Of Brooke Clarke
>> Sent: Friday, March 15, 2013 5:08 PM
>> To: harris-radio@yahoogroups.com
>> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
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>> Hi Did:

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>> Are you saying that even though the harmonic filter is bypassed, the minimum
>> filter path may have a problem?
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>> Yes HP 4395A, but with what CW frequency on the radio?
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>> Brooke Clarke
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>> D. Emer wrote:
>>> Sounds most reasonable but I still wouldn't rule out the harmonic filter.
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>> On
>>> Behalf Of Brooke Clarke
>>> Sent: Friday, March 15, 2013 12:38 PM
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>>> and modulation are the default.
>>> I've summarized the results at:
>>> http://www.prc68.com/I/PRC138.html#bfTS
>>>
>>> The obvious thing is that the power is decreasing as the frequency goes
>> up.
>>> >From 20W down to 1 Watt.
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>>> Have Fun,
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>>> Brooke Clarke
>>> http://www.PRC68.com
>>> http://www.end2partygovernment.com/2012Issues.html
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>>> D. Emer wrote:
>>>> Brooke,
>>>> Turn the internal tuner off and try it into a 50 ohm load.
>>>> Try it at high and low power.
>>>> Open it up and reseat the boards.
>>>> I have the service manual for the 138 I can send to you but its 175 megs.
>>> Do
>>>> you have a upload site I can use?
>>>> Dud
>>>> KK7IF
>>>>
>>>> -----Original Message-----
>>>> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
>>> On
>>>> Behalf Of Brooke Clarke
>>>> Sent: Friday, March 15, 2013 8:08 AM
>>>> To: harris-radio@yahoogroups.com
>>>> Subject: [harris-radio] PRC-138 Fault: A8-F71 Help
>>>>
>>>> Hi:
>>>>
>>>> I'm getting fault F51 then F71 which is in A8 the RF Power Amp and/or
>>>> Harmonic Filters.
>>>> http://www.prc68.com/I/PRC138.html#Bite1
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>

1438. RE: [harris-radio] PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-16 01:00:39 UTC
From: D. Emer
Topic: 1427 Message: 1438

The PA RF goes into a relay switched Band 1 filter which is paralleled with
a AM BCI High Pass 2-60 Mhz filter. Band 1 is selected for 1.6-2 Mhz
operation and bypassed for all others.
I ask again, Do you have a service manual? If so look at page 3/4 fig 1.
If the exciter has a problem trouble shoot the A5 board. It should have a
nominal level of 50 mw at J2 on the A8A1 pa board.
Dud
KK7IF

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of Brooke Clarke
Sent: Friday, March 15, 2013 5:37 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help

Hi Dud:

The signal path when the harmonic filters are disabled is not at all clear
from the schematics. How does the signal get
around the filters?

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

D. Emer wrote:
> Brooke,
> Look at a good freq band and then the bad band - any change in spectral
> content? CW is fine
> Do you have a 125 w PA you can connect? It will bypass the 25w 138 amp.
Does
> the test will fail and does the power drop off with frequency the same?
> Do you have a service manual?
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On
> Behalf Of Brooke Clarke
> Sent: Friday, March 15, 2013 5:08 PM
> To: harris-radio@yahoogroups.com

> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
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> Hi Did:
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> Are you saying that even though the harmonic filter is bypassed, the
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> filter path may have a problem?
>
> Yes HP 4395A, but with what CW frequency on the radio?
> http://www.prc68.com/I/4395A.shtml
>
> Have Fun,
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> Brooke Clarke
> http://www.PRC68.com
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> D. Emer wrote:
>> Sounds most reasonable but I still wouldn't rule out the harmonic filter.
> Do
>> you have a spectrum analyzer you can look at the harmonic content and see
> if
>> it gets nasty above 6 Mhz?
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>> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> On
>> Behalf Of Brooke Clarke
>> Sent: Friday, March 15, 2013 12:38 PM
>> To: harris-radio@yahoogroups.com
>> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
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>> Hi Dud:
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>> All the modules and ribbon cables have been reseated.
>> Then three tests were run at the geometric center of bands 1 to 7 in CW
>> mode.
>> Both in SSB mode and then in TEST/VSWR mode where the last keyed
frequency
>> and modulation are the default.
>> I've summarized the results at:
>> http://www.prc68.com/I/PRC138.html#bfTS
>>
>> The obvious thing is that the power is decreasing as the frequency goes
> up.
>> >From 20W down to 1 Watt.
>> The RF power amp has a problem. That may be causing the other problems?
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>> Have Fun,

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>> Brooke Clarke
>> http://www.PRC68.com
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>>> Is there a known cause for this problem?
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1439. Re: [harris-radio] PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-16 18:44:44 UTC
From: Brooke Clarke
Topic: 1427 Message: 1439

Hi Dud:

How about it I key a CS frequency (actually a number of them) with the radio set for low power, harmonic filter disabled
and connect a pair of six foot long wires to a BNC(m) connector that join in a 50 Ohm load. That way I can see the
output using a short wire on the input to the spectrum analyzer?

To measure the exciter power I'd need an adapter from the small push on type to BNC or type-N.

I don't have a scope with 300 MHz bandwidth, so that's not a way to look.

I do have an RF probe for my Fluke DMM.

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

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> The PA RF goes into a relay switched Band 1 filter which is paralleled with
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> operation and bypassed for all others.
> I ask again, Do you have a service manual? If so look at page 3/4 fig 1.
> If the exciter has a problem trouble shoot the A5 board. It should have a
> nominal level of 50 mw at J2 on the A8A1 pa board.
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> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Brooke Clarke
> Sent: Friday, March 15, 2013 5:37 PM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
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> Hi Dud:
>
> The signal path when the harmonic filters are disabled is not at all clear
> from the schematics. How does the signal get
> around the filters?
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> Have Fun,
>
> Brooke Clarke

> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
>
> D. Emer wrote:
>> Brooke,
>> Look at a good freq band and then the bad band - any change in spectral
>> content? CW is fine
>> Do you have a 125 w PA you can connect? It will bypass the 25w 138 amp.
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>> Are you saying that even though the harmonic filter is bypassed, the
> minimum
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>> Yes HP 4395A, but with what CW frequency on the radio?
>> http://www.prc68.com/I/4395A.shtml
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>> Have Fun,
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>> D. Emer wrote:
>>> Sounds most reasonable but I still wouldn't rule out the harmonic filter.
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>>> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
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>>> Sent: Friday, March 15, 2013 12:38 PM
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>>> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
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>>> The obvious thing is that the power is decreasing as the frequency goes
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>>> The RF power amp has a problem. That may be causing the other problems?
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1440. Re: [harris-radio] PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-16 21:12:56 UTC
From: Brooke Clarke
Topic: 1427 Message: 1440

Hi Dud:

I've just connected the radio BNC output directly to the spectrum analyzer (radio set for low power, harmonic filter
bypass, coupler bypass) which is a 50 Ohm 40 dB pad.
The fundamental power is very low, in the 0.01 mW area. See the spectrum plots at:
http://www.prc68.com/I/PRC138.html#bfTS

This could be a problem with the exciter not making enough power or a fault in the A8 module that's attenuating the signal.

Do you know the name of the small coax push on connectors that are used in the RT-1694/PRC-138?

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

Brooke Clarke wrote:
> Hi Dud:
>
> How about it I key a CS frequency (actually a number of them) with the radio set for low power, harmonic filter disabled
> and connect a pair of six foot long wires to a BNC(m) connector that join in a 50 Ohm load. That way I can see the
> output using a short wire on the input to the spectrum analyzer?
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> To measure the exciter power I'd need an adapter from the small push on type to BNC or type-N.
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> I don't have a scope with 300 MHz bandwidth, so that's not a way to look.
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> I do have an RF probe for my Fluke DMM.
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>

1441. RE: [harris-radio] PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-16 22:44:52 UTC
From: D. Emer
Topic: 1427 Message: 1441

Brooke,
You should be able to see the spectrum by just tx'ing into a dummy load.
Use the fluke RF probe to look at output from the exciter in a relative
fashion rather than measuring it directly - you'd be looking for change
(drop) with increasing frequency.
Do you have a service manual?
Dud

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of Brooke Clarke
Sent: Saturday, March 16, 2013 11:45 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help

Hi Dud:

How about it I key a CS frequency (actually a number of them) with the radio
set for low power, harmonic filter disabled
and connect a pair of six foot long wires to a BNC(m) connector that join in
a 50 Ohm load. That way I can see the
output using a short wire on the input to the spectrum analyzer?

To measure the exciter power I'd need an adapter from the small push on type
to BNC or type-N.

I don't have a scope with 300 MHz bandwidth, so that's not a way to look.

I do have an RF probe for my Fluke DMM.

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

D. Emer wrote:
> The PA RF goes into a relay switched Band 1 filter which is paralleled
with
> a AM BCI High Pass 2-60 Mhz filter. Band 1 is selected for 1.6-2 Mhz
> operation and bypassed for all others.
> I ask again, Do you have a service manual? If so look at page 3/4 fig 1.
> If the exciter has a problem trouble shoot the A5 board. It should have a
> nominal level of 50 mw at J2 on the A8A1 pa board.
> Dud
> KK7IF
>

> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
On
> Behalf Of Brooke Clarke
> Sent: Friday, March 15, 2013 5:37 PM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
>
> Hi Dud:
>
> The signal path when the harmonic filters are disabled is not at all clear
> from the schematics. How does the signal get
> around the filters?
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> Have Fun,
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> Brooke Clarke
> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
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> D. Emer wrote:
>> Brooke,
>> Look at a good freq band and then the bad band - any change in spectral
>> content? CW is fine
>> Do you have a 125 w PA you can connect? It will bypass the 25w 138 amp.
> Does
>> the test will fail and does the power drop off with frequency the same?
>> Do you have a service manual?
>> Dud
>> KK7IF
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>> -----Original Message-----
>> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> On
>> Behalf Of Brooke Clarke
>> Sent: Friday, March 15, 2013 5:08 PM
>> To: harris-radio@yahoogroups.com
>> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
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>> Hi Did:
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>> Are you saying that even though the harmonic filter is bypassed, the
> minimum
>> filter path may have a problem?
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>> Yes HP 4395A, but with what CW frequency on the radio?
>> http://www.prc68.com/I/4395A.shtml
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>> Have Fun,

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>> Brooke Clarke
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>> D. Emer wrote:
>>> Sounds most reasonable but I still wouldn't rule out the harmonic
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>> Do
>>> you have a spectrum analyzer you can look at the harmonic content and
see
>> if
>>> it gets nasty above 6 Mhz?
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>>> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
>> On
>>> Behalf Of Brooke Clarke
>>> Sent: Friday, March 15, 2013 12:38 PM
>>> To: harris-radio@yahoogroups.com
>>> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
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>>> Hi Dud:
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>>> All the modules and ribbon cables have been reseated.
>>> Then three tests were run at the geometric center of bands 1 to 7 in CW
>>> mode.
>>> Both in SSB mode and then in TEST/VSWR mode where the last keyed
> frequency
>>> and modulation are the default.
>>> I've summarized the results at:
>>> http://www.prc68.com/I/PRC138.html#bfTS
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>>> The obvious thing is that the power is decreasing as the frequency goes
>> up.
>>> >From 20W down to 1 Watt.
>>> The RF power amp has a problem. That may be causing the other problems?
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>>> Have Fun,
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>>> D. Emer wrote:
>>>> Brooke,
>>>> Turn the internal tuner off and try it into a 50 ohm load.
>>>> Try it at high and low power.
>>>> Open it up and reseat the boards.

>>>> I have the service manual for the 138 I can send to you but its 175
> megs.
>>> Do
>>>> you have a upload site I can use?
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>>>> Behalf Of Brooke Clarke
>>>> Sent: Friday, March 15, 2013 8:08 AM
>>>> To: harris-radio@yahoogroups.com
>>>> Subject: [harris-radio] PRC-138 Fault: A8-F71 Help
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>>>> Hi:
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>>>> I'm getting fault F51 then F71 which is in A8 the RF Power Amp and/or
>>>> Harmonic Filters.
>>>> http://www.prc68.com/I/PRC138.html#Bite1
>>>>
>>>> By connecting the radio output to a power meter and dummy load I am
>> seeing
>>>> tuning fault errors, so think the problem is
>>>> in the radio rather than my antenna.
>>>>
>>>> Is there a known cause for this problem?
>>>>
>>> ------------------------------------
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www.2mypc.netYahoo! Groups Links

1442. Re: [harris-radio] PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-16 22:55:40 UTC
From: Brooke Clarke
Topic: 1427 Message: 1442

Hi Dud:

Yes, I have the service manual. Although it could be much better.

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

D. Emer wrote:
> Brooke,
> You should be able to see the spectrum by just tx'ing into a dummy load.
> Use the fluke RF probe to look at output from the exciter in a relative
> fashion rather than measuring it directly - you'd be looking for change
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> Do you have a service manual?
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> Behalf Of Brooke Clarke
> Sent: Saturday, March 16, 2013 11:45 AM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
>
> Hi Dud:
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1443. RE: [harris-radio] PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-17 00:35:43 UTC
From: D. Emer
Topic: 1427 Message: 1443

I think they may be MMCX / MCX type connectors.
Run it again with the Harmonic filters in

Dud

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Brooke Clarke
Sent: Saturday, March 16, 2013 2:13 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help

Hi Dud:

I've just connected the radio BNC output directly to the spectrum analyzer (radio set for low power, harmonic filter
bypass, coupler bypass) which is a 50 Ohm 40 dB pad.
The fundamental power is very low, in the 0.01 mW area. See the spectrum plots at:
http://www.prc68.com/I/PRC138.html#bfTS

This could be a problem with the exciter not making enough power or a fault in the A8 module that's attenuating the signal.

Do you know the name of the small coax push on connectors that are used in the RT-1694/PRC-138?

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

Brooke Clarke wrote:
> Hi Dud:
>
> How about it I key a CS frequency (actually a number of them) with the radio set for low power, harmonic filter disabled
> and connect a pair of six foot long wires to a BNC(m) connector that join in a 50 Ohm load. That way I can see the
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> I do have an RF probe for my Fluke DMM.
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>>>>> tuning fault errors, so think the problem is
>>>>> in the radio rather than my antenna.
>>>>>
>>>>> Is there a known cause for this problem?

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>>>> www.2mypc.netYahoo! Groups Links
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1444. RE: [harris-radio] PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-17 00:43:51 UTC
From: D. Emer
Topic: 1427 Message: 1444

Yes I've noticed that myself
Dud

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of Brooke Clarke
Sent: Saturday, March 16, 2013 3:56 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help

Hi Dud:

Yes, I have the service manual. Although it could be much better.

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

D. Emer wrote:
> Brooke,
> You should be able to see the spectrum by just tx'ing into a dummy load.
> Use the fluke RF probe to look at output from the exciter in a relative
> fashion rather than measuring it directly - you'd be looking for change
> (drop) with increasing frequency.
> Do you have a service manual?
> Dud
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
On
> Behalf Of Brooke Clarke
> Sent: Saturday, March 16, 2013 11:45 AM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
>
> Hi Dud:
>
> How about it I key a CS frequency (actually a number of them) with the
radio
> set for low power, harmonic filter disabled
> and connect a pair of six foot long wires to a BNC(m) connector that join
in
> a 50 Ohm load. That way I can see the
> output using a short wire on the input to the spectrum analyzer?

>
> To measure the exciter power I'd need an adapter from the small push on
type
> to BNC or type-N.
>
> I don't have a scope with 300 MHz bandwidth, so that's not a way to look.
>
> I do have an RF probe for my Fluke DMM.
>
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
>
> D. Emer wrote:
>> The PA RF goes into a relay switched Band 1 filter which is paralleled
> with
>> a AM BCI High Pass 2-60 Mhz filter. Band 1 is selected for 1.6-2 Mhz
>> operation and bypassed for all others.
>> I ask again, Do you have a service manual? If so look at page 3/4 fig 1.
>> If the exciter has a problem trouble shoot the A5 board. It should have a
>> nominal level of 50 mw at J2 on the A8A1 pa board.
>> Dud
>> KK7IF
>>
>> -----Original Message-----
>> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> On
>> Behalf Of Brooke Clarke
>> Sent: Friday, March 15, 2013 5:37 PM
>> To: harris-radio@yahoogroups.com
>> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
>>
>> Hi Dud:
>>
>> The signal path when the harmonic filters are disabled is not at all
clear
>> from the schematics. How does the signal get
>> around the filters?
>>
>> Have Fun,
>>
>> Brooke Clarke
>> http://www.PRC68.com
>> http://www.end2partygovernment.com/2012Issues.html
>>
>> D. Emer wrote:
>>> Brooke,
>>> Look at a good freq band and then the bad band - any change in spectral

>>> content? CW is fine
>>> Do you have a 125 w PA you can connect? It will bypass the 25w 138 amp.
>> Does
>>> the test will fail and does the power drop off with frequency the same?
>>> Do you have a service manual?
>>> Dud
>>> KK7IF
>>>
>>>
>>> -----Original Message-----
>>> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
>> On
>>> Behalf Of Brooke Clarke
>>> Sent: Friday, March 15, 2013 5:08 PM
>>> To: harris-radio@yahoogroups.com
>>> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
>>>
>>> Hi Did:
>>>
>>> Are you saying that even though the harmonic filter is bypassed, the
>> minimum
>>> filter path may have a problem?
>>>
>>> Yes HP 4395A, but with what CW frequency on the radio?
>>> http://www.prc68.com/I/4395A.shtml
>>>
>>> Have Fun,
>>>
>>> Brooke Clarke
>>> http://www.PRC68.com
>>> http://www.end2partygovernment.com/2012Issues.html
>>>
>>> D. Emer wrote:
>>>> Sounds most reasonable but I still wouldn't rule out the harmonic
> filter.
>>> Do
>>>> you have a spectrum analyzer you can look at the harmonic content and
> see
>>> if
>>>> it gets nasty above 6 Mhz?
>>>> Dud
>>>>
>>>> -----Original Message-----
>>>> From: harris-radio@yahoogroups.com
[mailto:harris-radio@yahoogroups.com]
>>> On
>>>> Behalf Of Brooke Clarke
>>>> Sent: Friday, March 15, 2013 12:38 PM
>>>> To: harris-radio@yahoogroups.com
>>>> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help

>>>>
>>>> Hi Dud:
>>>>
>>>> All the modules and ribbon cables have been reseated.
>>>> Then three tests were run at the geometric center of bands 1 to 7 in CW
>>>> mode.
>>>> Both in SSB mode and then in TEST/VSWR mode where the last keyed
>> frequency
>>>> and modulation are the default.
>>>> I've summarized the results at:
>>>> http://www.prc68.com/I/PRC138.html#bfTS
>>>>
>>>> The obvious thing is that the power is decreasing as the frequency goes
>>> up.
>>>> >From 20W down to 1 Watt.
>>>> The RF power amp has a problem. That may be causing the other
problems?
>>>>
>>>> Have Fun,
>>>>
>>>> Brooke Clarke
>>>> http://www.PRC68.com
>>>> http://www.end2partygovernment.com/2012Issues.html
>>>>
>>>> D. Emer wrote:
>>>>> Brooke,
>>>>> Turn the internal tuner off and try it into a 50 ohm load.
>>>>> Try it at high and low power.
>>>>> Open it up and reseat the boards.
>>>>> I have the service manual for the 138 I can send to you but its 175
>> megs.
>>>> Do
>>>>> you have a upload site I can use?
>>>>> Dud
>>>>> KK7IF
>>>>>
>>>>> -----Original Message-----
>>>>> From: harris-radio@yahoogroups.com
> [mailto:harris-radio@yahoogroups.com]
>>>> On
>>>>> Behalf Of Brooke Clarke
>>>>> Sent: Friday, March 15, 2013 8:08 AM
>>>>> To: harris-radio@yahoogroups.com
>>>>> Subject: [harris-radio] PRC-138 Fault: A8-F71 Help
>>>>>
>>>>> Hi:
>>>>>
>>>>> I'm getting fault F51 then F71 which is in A8 the RF Power Amp and/or
>>>>> Harmonic Filters.
>>>>> http://www.prc68.com/I/PRC138.html#Bite1

>>>>>
>>>>> By connecting the radio output to a power meter and dummy load I am
>>> seeing
>>>>> tuning fault errors, so think the problem is
>>>>> in the radio rather than my antenna.
>>>>>
>>>>> Is there a known cause for this problem?
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www.2mypc.netYahoo! Groups Links

1445. rf5000

Yahoo group: harris-radio
Date: 2013-03-17 00:59:48 UTC
From: dave
Topic: 1235 Message: 1445

don't remember if i asked this before but does anyone have a membrane for the keypad on a rf5000 of prc138?

tnx dave k7da

1446. Re: PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-17 03:41:15 UTC
From: djinni442
Topic: 1427 Message: 1446

Connector type is SSMB. Adapters are crazy expensive (~$50 ea), but can be found on ebay for less. They also get a little cheaper if you can find mini cables terminated with SSMB on one end and SMA or SMB on the other.

When I was troubleshooting my -138, I didn't have adapters yet so I cheated and temporatily soldered a bnc/rg174 cable end onto the circuit board side of the respective connector I was messing with. I also tacked on flying leads onto various test points so I could get at them with the o-scope.

--- In harris-radio@yahoogroups.com, "D. Emer" <dfemer@...> wrote:
>
> I think they may be MMCX / MCX type connectors.
> Run it again with the Harmonic filters in
>
> Dud
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Brooke Clarke
> Sent: Saturday, March 16, 2013 2:13 PM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
>
> Hi Dud:
>
> I've just connected the radio BNC output directly to the spectrum analyzer
> (radio set for low power, harmonic filter
> bypass, coupler bypass) which is a 50 Ohm 40 dB pad.
> The fundamental power is very low, in the 0.01 mW area. See the spectrum
> plots at:
> http://www.prc68.com/I/PRC138.html#bfTS
>
> This could be a problem with the exciter not making enough power or a fault
> in the A8 module that's attenuating the signal.
>
> Do you know the name of the small coax push on connectors that are used in
> the RT-1694/PRC-138?
>
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
>
> Brooke Clarke wrote:

> > Hi Dud:
> >
> > How about it I key a CS frequency (actually a number of them) with the
> radio set for low power, harmonic filter disabled
> > and connect a pair of six foot long wires to a BNC(m) connector that join
> in a 50 Ohm load. That way I can see the
> > output using a short wire on the input to the spectrum analyzer?
> >
> > To measure the exciter power I'd need an adapter from the small push on
> type to BNC or type-N.
> >
> > I don't have a scope with 300 MHz bandwidth, so that's not a way to look.
> >
> > I do have an RF probe for my Fluke DMM.
> >
> > Have Fun,
> >
> > Brooke Clarke
> > http://www.PRC68.com
> > http://www.end2partygovernment.com/2012Issues.html
> >
> > D. Emer wrote:
> >> The PA RF goes into a relay switched Band 1 filter which is paralleled
> with
> >> a AM BCI High Pass 2-60 Mhz filter. Band 1 is selected for 1.6-2 Mhz
> >> operation and bypassed for all others.
> >> I ask again, Do you have a service manual? If so look at page 3/4 fig 1.
> >> If the exciter has a problem trouble shoot the A5 board. It should have a
> >> nominal level of 50 mw at J2 on the A8A1 pa board.
> >> Dud
> >> KK7IF
> >>
> >> -----Original Message-----
> >> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> On
> >> Behalf Of Brooke Clarke
> >> Sent: Friday, March 15, 2013 5:37 PM
> >> To: harris-radio@yahoogroups.com
> >> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
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> >> Hi Dud:
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> >> The signal path when the harmonic filters are disabled is not at all
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> >> from the schematics. How does the signal get
> >> around the filters?
> >>
> >> Have Fun,
> >>
> >> Brooke Clarke

> >> http://www.PRC68.com
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> >> D. Emer wrote:
> >>> Brooke,
> >>> Look at a good freq band and then the bad band - any change in spectral
> >>> content? CW is fine
> >>> Do you have a 125 w PA you can connect? It will bypass the 25w 138 amp.
> >> Does
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> >> On
> >>> Behalf Of Brooke Clarke
> >>> Sent: Friday, March 15, 2013 5:08 PM
> >>> To: harris-radio@yahoogroups.com
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> >>> Hi Did:
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> >>> Are you saying that even though the harmonic filter is bypassed, the
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> >>> filter path may have a problem?
> >>>
> >>> Yes HP 4395A, but with what CW frequency on the radio?
> >>> http://www.prc68.com/I/4395A.shtml
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> >>> Have Fun,
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> >>> D. Emer wrote:
> >>>> Sounds most reasonable but I still wouldn't rule out the harmonic
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> >>>> it gets nasty above 6 Mhz?
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> >>>>
> >>>> -----Original Message-----
> >>>> From: harris-radio@yahoogroups.com

> [mailto:harris-radio@yahoogroups.com]
> >>> On
> >>>> Behalf Of Brooke Clarke
> >>>> Sent: Friday, March 15, 2013 12:38 PM
> >>>> To: harris-radio@yahoogroups.com
> >>>> Subject: Re: [harris-radio] PRC-138 Fault: A8-F71 Help
> >>>>
> >>>> Hi Dud:
> >>>>
> >>>> All the modules and ribbon cables have been reseated.
> >>>> Then three tests were run at the geometric center of bands 1 to 7 in CW
> >>>> mode.
> >>>> Both in SSB mode and then in TEST/VSWR mode where the last keyed
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> >>>> I've summarized the results at:
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> >>>> D. Emer wrote:
> >>>>> Brooke,
> >>>>> Turn the internal tuner off and try it into a 50 ohm load.
> >>>>> Try it at high and low power.
> >>>>> Open it up and reseat the boards.
> >>>>> I have the service manual for the 138 I can send to you but its 175
> >> megs.
> >>>> Do
> >>>>> you have a upload site I can use?
> >>>>> Dud
> >>>>> KK7IF
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> >>>>> -----Original Message-----
> >>>>> From: harris-radio@yahoogroups.com
> [mailto:harris-radio@yahoogroups.com]
> >>>> On
> >>>>> Behalf Of Brooke Clarke
> >>>>> Sent: Friday, March 15, 2013 8:08 AM
> >>>>> To: harris-radio@yahoogroups.com
> >>>>> Subject: [harris-radio] PRC-138 Fault: A8-F71 Help

> >>>>>
> >>>>> Hi:
> >>>>>
> >>>>> I'm getting fault F51 then F71 which is in A8 the RF Power Amp and/or
> >>>>> Harmonic Filters.
> >>>>> http://www.prc68.com/I/PRC138.html#Bite1
> >>>>>
> >>>>> By connecting the radio output to a power meter and dummy load I am
> >>> seeing
> >>>>> tuning fault errors, so think the problem is
> >>>>> in the radio rather than my antenna.
> >>>>>
> >>>>> Is there a known cause for this problem?
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> >>>> ----------
> >>>>
> >>>> This Group Brought to you by 2mypc
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> >>>> Are you with an ISP that gives you a dynamic IP?
> >>>> Do you need a domain name and don't want to pay a lot for it?
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>

1447. Yahoo group question

Yahoo group: harris-radio
Date: 2013-03-17 05:21:07 UTC
From: ranzugliaj
Topic: 1447 Message: 1447

Hello,

Anyone interested in joining Two-WayRadioGroup · Two-Way Radio Group Yahoo Group?

Thanks

1448. Re: Programming Cable Help

Yahoo group: harris-radio
Date: 2013-03-17 08:59:07 UTC
From: f1frv
Topic: 1424 Message: 1448

for a few $ only a lot of cables at:

http://stores.ebay.fr/RadioAccessoryShop/Programming-Cable-/_i.html?_fsub=8144442&_sid=364481565&_trksid=p4634.c0.m322

perhaps what you need on other ebay similar chinese shops.

73's
dom

cost is less than parts and time spent to make your own cable even if you are paid 1$/hour.....

--- In harris-radio@yahoogroups.com, "wkoby1" <wkoby1@...> wrote:
>
> Anyone out there who's familiar with the Harris/Tyco/Macom/GE/Ericsson/Commnet series (P7100, P5400, LPE200, Jaguar 700P) radios?
>
> I'm trying to avoid buying a ribless cable not knowing how good or bad these two units are, so I've been trying to get some input about building my own cable. I have a DB9 connector with all 9 leads intact, a UDC for the radio side, as well a working USB-to-RS232 adapter.
>
> Seems there are several schools of thought on whether there are any types of circuitry in a ribless cable. Some say a MAX232 chip would suffice, while others speak about a straight-through connection with some pins shorted, etc.
>
> Hopefully there is a guru out there who can qualify this, or someone that may have a schematic or at least may know the LBI library reference for what appears to be a TQ3419 or RPM1132472/35 part number.
>
> Thanks, in advance, for your expertise.
>

1449. Re: [harris-radio] PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-03-19 21:18:50 UTC
From: Brooke Clarke
Topic: 1427 Message: 1449

Hi:

I've heard that by using a computer you can access more of the radio that might be of help troubleshooting.
Table 1-14 Ancillary Parts Kit lists connector MS3116J12-10S which is for the PA connector, but doesn't list a connector
for J2 DATA connector.
The panel connector is marked U-318/F (14 sockets) so the mating connector may be the U-316/U.
Does anyone know where to get the mating connector?

More troubleshooting data at:
http://www.prc68.com/I/PRC138.html#bfTS

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

1450. P5500 Mic Pinout

Yahoo group: harris-radio
Date: 2013-03-20 04:11:00 UTC
From: kenko6ux
Topic: 1450 Message: 1450

Does anyone know the pinout of the UDC connector on the side of the Harris P5500/P5400 handheld? Or does anyone have a service manual for this radio?

73,

Ken, KO6UX

1451. RF-5022 R/T E Operators / Programming / Install Manual Needed

Yahoo group: harris-radio
Date: 2013-03-20 13:26:51 UTC
From: caldwj
Topic: 1451 Message: 1451

I'm looking for a copy of the operators, installation and programming manual for the RF-5022. I think this is what Harris calls the Level 1 manual. I have the service manual for the 5022, 125W PA and AC supply, but not the operators manual. Can anyone help me out? Thanks.

John WD8INC

1452. RE: [harris-radio] RF-5022 R/T E Operators / Programming / Install Manual Needed

Yahoo group: harris-radio
Date: 2013-03-20 14:29:40 UTC
From: Roger Waldmiller
Topic: 1451 Message: 1452

Hello John

I may be able to help

Contact me E mail

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of caldwj
Sent: Wednesday, March 20, 2013 9:27 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5022 R/T E Operators / Programming / Install Manual Needed

I'm looking for a copy of the operators, installation and programming manual for the RF-5022. I think this is what Harris calls the Level 1 manual. I have the service manual for the 5022, 125W PA and AC supply, but not the operators manual. Can anyone help me out? Thanks.

John WD8INC

[Non-text portions of this message have been removed]

1453. A6 function 11 fault

Yahoo group: harris-radio
Date: 2013-03-20 16:59:29 UTC
From: lcraciun2007
Topic: 1453 Message: 1453

Hi guys
Just got a prc 138 yesterday and when I checked the power output it show 4wats with the high power been set.
Then on the bite test shows fault on module A6. Function 11
What is the cause of that?
Thanks
Lee

1454. correction to previous email

Yahoo group: harris-radio
Date: 2013-03-20 18:00:53 UTC
From: lcraciun2007
Topic: 1454 Message: 1454

Is actually the A5 module receiver/exited and function 11 is exiter output too low.
Lee

1455. RE: [harris-radio] correction to previous email

Yahoo group: harris-radio
Date: 2013-03-20 20:18:54 UTC
From: Roger Waldmiller
Topic: 1454 Message: 1455

Hi Lee;

Yes That is correct A5 F11 exciter to low BUT it could be the A5 exciter bd or it can also be the A8a1 PA or A8A2 LPF bd

Substitution is a good start to see which bd .

Byte test is not that accurate 80%.

Roger

K4alphapapa

waldrgr@...

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of lcraciun2007
Sent: Wednesday, March 20, 2013 2:01 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] correction to previous email

Is actually the A5 module receiver/exited and function 11 is exiter output too low.
Lee

[Non-text portions of this message have been removed]

1456. RE: [harris-radio] correction to previous email

Yahoo group: harris-radio
Date: 2013-03-20 20:22:44 UTC
From: spirit.fl@netzero.com
Topic: 1454 Message: 1456

Anyone that you know that can fix it?
Thanks Roger
Lee

Please note: message attached

From: "Roger Waldmiller" <waldrgr@...>
To: <harris-radio@yahoogroups.com>
Subject: RE: [harris-radio] correction to previous email
Date: Wed, 20 Mar 2013 16:18:54 -0400

Woman is 53 But Looks 25
Mom reveals 1 simple wrinkle trick that has angered doctors...
http://thirdpartyoffers.netzero.net/TGL3231/514a1ace777ab1ace21cdst02duc

[Non-text portions of this message have been removed]

1457. RE: [harris-radio] correction to previous email

Yahoo group: harris-radio
Date: 2013-03-20 20:32:31 UTC
From: Robert Gunther
Topic: 1454 Message: 1457

?????

To: harris-radio@yahoogroups.com
From: spirit.fl@...
Date: Wed, 20 Mar 2013 20:22:44 +0000
Subject: RE: [harris-radio] correction to previous email

Anyone that you know that can fix it?
Thanks Roger
Lee

Please note: message attached

From: "Roger Waldmiller" <waldrgr@rochester.rr.com>
To: <harris-radio@yahoogroups.com>
Subject: RE: [harris-radio] correction to previous email
Date: Wed, 20 Mar 2013 16:18:54 -0400

Woman is 53 But Looks 25
Mom reveals 1 simple wrinkle trick that has angered doctors...
http://thirdpartyoffers.netzero.net/TGL3231/514a1ace777ab1ace21cdst02duc

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1458. Remote Cable 10372-9868-06 & PRC-138?

Yahoo group: harris-radio
Date: 2013-03-25 21:34:54 UTC
From: Brooke Clarke
Topic: 1458 Message: 1458

Hi:

I'm trying to use a Panasonic CF-30 Toughbook to remote control the PRC-138.
But not having any luck.
http://www.prc68.com/I/PRC138.html#Remote
http://www.prc68.com/I/CF30Toughbook.shtml

The radio service manual shows RTS &CTS on the data connector, yet they are not jumpered in the Data Cable and I'm not
seeing a CONFIG option for that.
So maybe this Harris Data Cable is not meant to work with the PRC-138?

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

1459. Re: Remote Cable 10372-9868-06 & PRC-138?

Yahoo group: harris-radio
Date: 2013-03-25 22:37:11 UTC
From: kc2vvb
Topic: 1458 Message: 1459

Sir...
A question...
Are you using "FALCOM" software to connect to the radio?
I do not believe you can connect to the PRC-138 radio unless you use
Harris's "FALCOM" Remote Control Operating System.
As a test I connected my PRC-138 to a Miltope PC using the same cable you are trying to use. I used "FALCOM" to connect to the radio...
No problem.
Regards,
C. Webb

--- In harris-radio@yahoogroups.com, Brooke Clarke <brooke@...> wrote:
>
> Hi:
>
> I'm trying to use a Panasonic CF-30 Toughbook to remote control the PRC-138.
> But not having any luck.
> http://www.prc68.com/I/PRC138.html#Remote
> http://www.prc68.com/I/CF30Toughbook.shtml
>
> The radio service manual shows RTS &CTS on the data connector, yet they are not jumpered in the Data Cable and I'm not
> seeing a CONFIG option for that.
> So maybe this Harris Data Cable is not meant to work with the PRC-138?
>
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
>

1460. RF-590 help

Yahoo group: harris-radio
Date: 2013-03-25 23:49:07 UTC
From: vk5abc
Topic: 1460 Message: 1460

Hello All

Is there anyone here with a spare shaft encoder for a RF-590 or has a A23 audio board they are willing to sell.

73's Lee

1461. Re: Remote Cable 10372-9868-06 & PRC-138?

Yahoo group: harris-radio
Date: 2013-03-26 00:42:08 UTC
From: djinni442
Topic: 1458 Message: 1461

Nah..

The PRC-138 actually has two serial ports on the J2 connector. One port is used to access the modem, the other is used as the local console. In the data menus you can merge the modem and console together to the console port. The pins you care about are J2-K (Rx) J2-N (Tx) and J2-J (Gnd). Some harris cables are intended to access the radio for control purposes, other for running modem data straight to a peripheral. I don't know the numbers well enough to tell yo what cable you have, look inside the 12-14P connector to see which pins are in use, or just solder your own.

As for the actual console, make sure the data menu is set for RS232, and the right baud rate of your choosing. Everything else is "text" menus so hyperterminal will work. Also "help" does work!

--- In harris-radio@...m, "kc2vvb" <patchit1@...> wrote:
>
> Sir...
> A question...
> Are you using "FALCOM" software to connect to the radio?
> I do not believe you can connect to the PRC-138 radio unless you use
> Harris's "FALCOM" Remote Control Operating System.
> As a test I connected my PRC-138 to a Miltope PC using the same cable you are trying to use. I used "FALCOM" to connect to the radio...
> No problem.
> Regards,
> C. Webb
>
>
>
> --- In harris-radio@yahoogroups.com, Brooke Clarke <brooke@> wrote:
> >

1462. RE: [harris-radio] Remote Cable 10372-9868-06 & PRC-138?

Yahoo group: harris-radio
Date: 2013-03-26 05:25:23 UTC
From: D. Emer
Topic: 1458 Message: 1462

Brooke,
The data cable works fine with the 138. The 138 likes data rates around 1200 baud if you're loading programs, faster than that and it will over run something and not get a full good load.
I run it with a no handshake rs-232. Make sure protocol is rs-232 async and remote async is 1200 8 1 n, disable xon xoff. Select Remote
Do you have a async cable or a sync cable or homemade?
Dud
KK7IF

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Brooke Clarke
Sent: Monday, March 25, 2013 2:35 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Remote Cable 10372-9868-06 & PRC-138?

Hi:

I'm trying to use a Panasonic CF-30 Toughbook to remote control the PRC-138. But not having any luck.
http://www.prc68.com/I/PRC138.html#Remote
http://www.prc68.com/I/CF30Toughbook.shtml

The radio service manual shows RTS &CTS on the data connector, yet they are not jumpered in the Data Cable and I'm not
seeing a CONFIG option for that.
So maybe this Harris Data Cable is not meant to work with the PRC-138?

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

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1463. RE: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?

Yahoo group: harris-radio
Date: 2013-03-26 05:28:38 UTC
From: D. Emer
Topic: 1458 Message: 1463

Hyperterm will work as well, it's just an ASCII protocol.
Dud
KK7IF

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of kc2vvb
Sent: Monday, March 25, 2013 3:37 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?

Sir...
A question...
Are you using "FALCOM" software to connect to the radio?
I do not believe you can connect to the PRC-138 radio unless you use Harris's "FALCOM" Remote Control Operating System.
As a test I connected my PRC-138 to a Miltope PC using the same cable you are trying to use. I used "FALCOM" to connect to the radio...
No problem.
Regards,
C. Webb

--- In harris-radio@yahoogroups.com, Brooke Clarke <brooke@...> wrote:
>
> Hi:
>
> I'm trying to use a Panasonic CF-30 Toughbook to remote control the PRC-138.
> But not having any luck.
> http://www.prc68.com/I/PRC138.html#Remote
> http://www.prc68.com/I/CF30Toughbook.shtml
>
> The radio service manual shows RTS &CTS on the data connector, yet they are not jumpered in the Data Cable and I'm not
> seeing a CONFIG option for that.
> So maybe this Harris Data Cable is not meant to work with the PRC-138?
>
> --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
>

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Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

1464. RE: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?

Yahoo group: harris-radio
Date: 2013-03-26 05:40:17 UTC
From: D. Emer
Topic: 1458 Message: 1464

Brooke,
The remote cable is a 10372-9868-06. Works fine on mine.
Try another computer you may have a bad com port or are you using a USB to RS-232 converter?
Dud

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of djinni442
Sent: Monday, March 25, 2013 5:42 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?

Nah..

The PRC-138 actually has two serial ports on the J2 connector. One port is used to access the modem, the other is used as the local console. In the data menus you can merge the modem and console together to the console port. The pins you care about are J2-K (Rx) J2-N (Tx) and J2-J (Gnd). Some harris cables are intended to access the radio for control purposes, other for running modem data straight to a peripheral. I don't know the numbers well enough to tell yo what cable you have, look inside the 12-14P connector to see which pins are in use, or just solder your own.

As for the actual console, make sure the data menu is set for RS232, and the right baud rate of your choosing. Everything else is "text" menus so hyperterminal will work. Also "help" does work!

--- In harris-radio@yahoogroups.com, "kc2vvb" <patchit1@...> wrote:
>
> Sir...
> A question...
> Are you using "FALCOM" software to connect to the radio?
> I do not believe you can connect to the PRC-138 radio unless you use
> Harris's "FALCOM" Remote Control Operating System.
> As a test I connected my PRC-138 to a Miltope PC using the same cable you are trying to use. I used "FALCOM" to connect to the radio...
> No problem.
> Regards,
> C. Webb
>
>
>
> --- In harris-radio@yahoogroups.com, Brooke Clarke <brooke@> wrote:
> >

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Are you with an ISP that gives you a dynamic IP?
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Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

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1465. [harris-radio] RF-550 help

Yahoo group: harris-radio
Date: 2013-03-26 15:13:49 UTC
From: John Watkins
Topic: 1460 Message: 1465

Does any one have an A2A7 Frequency Standard module (pn 1920-1350) that is surplus to their needs, still in need of one for my RF-550.

Thanks,

John WD5ENU

1466. Re: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?

Yahoo group: harris-radio
Date: 2013-03-26 22:12:55 UTC
From: Brooke Clarke
Topic: 1458 Message: 1466

Hi Dud:

Where on the radio do you select RS-232?

I'm using a Panasonic Toughbook CF30 with a real serial port.

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

D. Emer wrote:
> Brooke,
> The remote cable is a 10372-9868-06. Works fine on mine.
> Try another computer you may have a bad com port or are you using a USB to
> RS-232 converter?
> Dud
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of djinni442
> Sent: Monday, March 25, 2013 5:42 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?
>
>
> Nah..
>
> The PRC-138 actually has two serial ports on the J2 connector. One port is
> used to access the modem, the other is used as the local console. In the
> data menus you can merge the modem and console together to the console port.
> The pins you care about are J2-K (Rx) J2-N (Tx) and J2-J (Gnd). Some harris
> cables are intended to access the radio for control purposes, other for
> running modem data straight to a peripheral. I don't know the numbers well
> enough to tell yo what cable you have, look inside the 12-14P connector to
> see which pins are in use, or just solder your own.
>
> As for the actual console, make sure the data menu is set for RS232, and the
> right baud rate of your choosing. Everything else is "text" menus so
> hyperterminal will work. Also "help" does work!
>
>
>
>
>

> --- In harris-radio@yahoogroups.com, "kc2vvb" <patchit1@...> wrote:
>> Sir...
>> A question...
>> Are you using "FALCOM" software to connect to the radio?
>> I do not believe you can connect to the PRC-138 radio unless you use
>> Harris's "FALCOM" Remote Control Operating System.
>> As a test I connected my PRC-138 to a Miltope PC using the same cable you
> are trying to use. I used "FALCOM" to connect to the radio...
>> No problem.
>> Regards,
>> C. Webb
>>
>>
>>
>> --- In harris-radio@yahoogroups.com, Brooke Clarke <brooke@> wrote:
>
>
>
> ---
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get
> to you PC from outside your home or business?
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>
> ---
>
> This Group Brought to you by 2mypc
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from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
>
>

1467. Re: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?

Yahoo group: harris-radio
Date: 2013-03-26 23:51:35 UTC
From: Claus Hanke
Topic: 1458 Message: 1467

Go to the Menu "REMOTE DATA PROTOCOL" and select "PROTOCOL". Then you should see "ASYNC PORT LEVEL" and youl should be able to select RS232 or MIL-188.
Claus
73, KI6KYK

From: Brooke Clarke <brooke@...>
To: harris-radio@yahoogroups.com
Sent: Tuesday, March 26, 2013 3:12 PM
Subject: Re: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?

Hi Dud:

Where on the radio do you select RS-232?

I'm using a Panasonic Toughbook CF30 with a real serial port.

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

D. Emer wrote:
> Brooke,
> The remote cable is a 10372-9868-06. Works fine on mine.
> Try another computer you may have a bad com port or are you using a USB to
> RS-232 converter?
> Dud
>

[Non-text portions of this message have been removed]

1468. Re: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?

Yahoo group: harris-radio
Date: 2013-03-27 02:50:00 UTC
From: Brooke Clarke
Topic: 1458 Message: 1468

Hi Claus:

Thanks, it was already set to RS-232.

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

Claus Hanke wrote:
> Go to the Menu "REMOTE DATA PROTOCOL" and select "PROTOCOL". Then you should see "ASYNC PORT LEVEL" and youl should be able to select RS232 or MIL-188.
> Claus
> 73, KI6KYK
>
>
> _____
> From: Brooke Clarke <brooke@...>
> To: harris-radio@yahoogroups.com
> Sent: Tuesday, March 26, 2013 3:12 PM
> Subject: Re: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?
>
>
>
>
> Hi Dud:
>
> Where on the radio do you select RS-232?
>
> I'm using a Panasonic Toughbook CF30 with a real serial port.
>
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
>
> D. Emer wrote:
>> Brooke,
>> The remote cable is a 10372-9868-06. Works fine on mine.
>> Try another computer you may have a bad com port or are you using a USB to
>> RS-232 converter?
>> Dud
>>
>

>
> [Non-text portions of this message have been removed]
>
>
>
> ---
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
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>
>
>
>
>
>

1469. RF-530A Manual

Yahoo group: harris-radio
Date: 2013-03-27 17:19:04 UTC
From: leirvikthegreat
Topic: 1469 Message: 1469

Hello,
I have FR-530A MW&HF general coverage receiver, non working, already few 0 Ohm capacitors repalced but still dead. Looking for manual or service manual for the rig.

Cheers!

Leirvik

1470. RE: [harris-radio] RF-530A Manual

Yahoo group: harris-radio
Date: 2013-03-28 14:42:18 UTC
From: Roger Waldmiller
Topic: 1469 Message: 1470

Hello Leirvik;

I may be able to help.

Contact me Direct

K4alphapapa

waldrgr@...

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of leirvikthegreat
Sent: Wednesday, March 27, 2013 1:19 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-530A Manual

Hello,
I have FR-530A MW&HF general coverage receiver, non working, already few 0 Ohm capacitors repalced but still dead. Looking for manual or service manual for the rig.

Cheers!

Leirvik

[Non-text portions of this message have been removed]

1471. [harris-radio] Question

Yahoo group: harris-radio
Date: 2013-03-30 03:23:57 UTC
From: J Ranzuglia
Topic: 1469 Message: 1471

Has anyone used/seen, know about the Harris Falcon III APCO-25 model?
Reply via web post Reply to sender Reply to group Start a New Topic Messages in this topic (2)
Recent Activity: * New Members 2 * New Files 1
Visit Your Group
This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.net

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.

[Non-text portions of this message have been removed]

1472. Harris RT 1230 URC 94, RF 280

Yahoo group: harris-radio
Date: 2013-03-31 03:46:54 UTC
From: prc74b
Topic: 1472 Message: 1472

Looking for a manual, online would be great. I have searched but found nothing. I just acquired a URC 94, 28 volt DC/120/240 AC.

Thanks for any help.

Joe Munson
WA4VAG
513-919-1210

1473. JTAG Test Connector?

Yahoo group: harris-radio
Date: 2013-03-31 19:43:13 UTC
From: Brooke Clarke
Topic: 1473 Message: 1473

Hi:

Is there any info on the use of the JTAG test connector on Harris radios?
I expect that all radios that use the 14 pin JTAG connector use the same or very similar methods.
On the PRC-138 it's J1 on the A3 Linear Predictive voice Coding board and is black with a white plug.
http://www.prc68.com/I/PRC138.html#A3

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

1474. Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Yahoo group: harris-radio
Date: 2013-04-01 00:38:48 UTC
From: Roy
Topic: 1451 Message: 1474

I am also looking for this manual. It seems that it is a hard thing to find.

--- In harris-radio@yahoogroups.com, "caldwj" <jcaldwell@...> wrote:
>
> I'm looking for a copy of the operators, installation and programming manual for the RF-5022. I think this is what Harris calls the Level 1 manual. I have the service manual for the 5022, 125W PA and AC supply, but not the operators manual. Can anyone help me out? Thanks.
>
> John WD8INC
>

1475. RF-201M help - revisited

Yahoo group: harris-radio
Date: 2013-04-01 18:41:47 UTC
From: Robert Nickels
Topic: 1475 Message: 1475

I've been working to restore an old RF Communications RF-201M channelized hybrid SSB radio from the early 70s. Harris acquired RF Communications in 1969 and this radio was produced in the 70s for commercial HF applications. I have it mostly working but could really use some docs to figure out the audio input and switching.

I'd very much appreciate any information or sources that might be worth checking with. I'm surprised that none of the usual manual sellers have anything. A picture of the spare unit and power supply I acquired can be seen here:

http://www.swordfishingcentral.com/images/store/110862580421.jpg

Thanks and 73,
Bob W9RAN

1476. PRC-138 Troubleshooting A8 & A9

Yahoo group: harris-radio
Date: 2013-04-01 21:09:46 UTC
From: Brooke Clarke
Topic: 1476 Message: 1476

Hi:

The SSMB adapter cable and TNC-BNC adapters have arrived allowing direct measurement of the path that includes the A8 RF
Amplifier - Harmonic Filters and A9 Antenna Coupler.
There are two sets of plots. The left column is with the antenna coupler bypassed comparing the gain in Rx mode (just
under -1 dB) with the Tx gain in low power mode (not so good).
The second column is with the antenna coupler active.
http://www.prc68.com/I/PRC138.html#MeasExRx

The Rx plots in the left column look great with flat tops and in the right column there is an increase in loss a little
more than 2 dB.
The Tx gain in the left column is low and sloping so I'm thinking the problem is near Q5 and Q4A, Q4B.
Need to make the bias adjustment setup to see if R36, R48 & R55 might show where the problem is.

--
Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

1477. RF 3200E

Yahoo group: harris-radio
Date: 2013-04-02 19:05:38 UTC
From: t
Topic: 1477 Message: 1477

Well I got the remote cable wired up and attached to the radio.
the remote capabilities are disappointing unless I am missing something.

Anyone figured out how to change frequency via a direct frequency entry? I only see the ability to change channels.

Also I am in need of a users manual anyone have a website, digital copy, or hard copy availalbe. I already ahve the service manual and the plain jane RF 3200 manuals I am after the RF3200E user manual specifically.

Also any remote command sets or instructions that are not listed via the HELP command would be appreciated if any exist.

Love the radio but dissappointed in the remote command set.

Terry
AB8AL/NNN0ZZO

1478. PRC-138 Extencer Card or Connector ID?

Yahoo group: harris-radio
Date: 2013-04-02 19:13:37 UTC
From: Brooke Clarke
Topic: 1478 Message: 1478

Hi:

Is there a source for the extender card for the PRC-138 (A5 receiver/exciter in specific) and/or who makes the P1 20-pin
connector the parts list calls:
J46-0113-020
Mouser, Digikey, Allied don't carry it. And the mating PCB mount socket?

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

1479. RE: [harris-radio] RF 3200E

Yahoo group: harris-radio
Date: 2013-04-02 19:27:34 UTC
From: Roger Waldmiller
Topic: 1477 Message: 1479

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of t
Sent: Tuesday, April 02, 2013 3:06 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF 3200E

Hi Terry;

NO YOU ARE NOT MISSING ANTHING .

You cannot do any programming of freq's or ALE.

All programming of channels in A group and its sub groups 1-9 have to be done VIA the KEYPAD.

All configuration setup has to be done by the keypad.

No soft ware was ever made to allow programming directly by PC.

The Same goes for the ALE parameters .

The PC remote hookup RS 232 is ONLY for basic functions , mode changes, channel selection, etc.

SO if you want to program 120 A group cannel and then ALL 200 ALE IDs , networks and all the alphanumeric IDs , YOU HAVE QUITE A FEW HOURS ,AND HOURS AHEAD OF YOU ,TO DO IT.

SORRY

Engineering NEVER released anything to do direct PC programming. Deep down , I believe they knew or could be done. BUT even with my close workings with engineers, they never indicated it was possible . Many customers also asked WHY also.

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

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Terry
AB8AL/NNN0ZZO

[Non-text portions of this message have been removed]

1480. RE: [harris-radio] PRC-138 Extencer Card or Connector ID?

Yahoo group: harris-radio
Date: 2013-04-02 19:41:35 UTC
From: Roger Waldmiller
Topic: 1478 Message: 1480

Hi;

Harris did have basic bd extenders ..made in house and maybe in one of the supports kits . They were useless. Harris did make actual test fixtures for each or the bds and which production used. They are either in storage or inoperative or just plain gone. No prints were ever had to rebuild them.

J46-0113-020 is a Harris part number and I doubt if any vendor would list it as such. What would be needed is the Harris spec sheet indicating the MFG and their part #. It is very unlikely Harris Product service will even take the time out to search it in the system . The 138 is OBSOLETE and unsupportable by Harris RF. You could try.

Regards

K4alphapapa

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Brooke Clarke
Sent: Tuesday, April 02, 2013 3:14 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] PRC-138 Extencer Card or Connector ID?

Hi:

Is there a source for the extender card for the PRC-138 (A5 receiver/exciter in specific) and/or who makes the P1 20-pin
connector the parts list calls:
J46-0113-020
Mouser, Digikey, Allied don't carry it. And the mating PCB mount socket?

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

[Non-text portions of this message have been removed]

1481. Re: [harris-radio] RF 3200E

Yahoo group: harris-radio
Date: 2013-04-02 19:51:39 UTC
From: Terry
Topic: 1477 Message: 1481

I am not seeing MODE changes as a option. I really only miss the direct frequency entry the others I am OK . I will be using it with Airmial and would have been nice if Airmial could have controlled the radio for frequency selection.

At least I can now ger the ranking values. Any way to see this from the display? Also I haven't tried but am hopping it will let me program the AMD messages.

Also was surprsed when I typed SHow and it has LISTEN OFF. All these commnads are available in the 5000 series of the same erra not sure why they didn't use the same remote instruciton set cost impact would have been minimal I would have thought.

Any idea on a source for user manual?

Terry

From: Roger Waldmiller <waldrgr@rochester.rr.com>
To: harris-radio@yahoogroups.com
Sent: Tuesday, April 2, 2013 3:27 PM
Subject: RE: [harris-radio] RF 3200E

From: mailto:harris-radio%40yahoogroups.com [mailto:mailto:harris-radio%40yahoogroups.com] On
Behalf Of t
Sent: Tuesday, April 02, 2013 3:06 PM
To: mailto:harris-radio%40yahoogroups.com
Subject: [harris-radio] RF 3200E

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The Same goes for the ALE parameters .

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SO if you want to program 120 A group cannel and then ALL 200 ALE IDs , networks and all the alphanumeric IDs , YOU HAVE QUITE A FEW HOURS ,AND HOURS AHEAD OF YOU ,TO DO IT.

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Engineering NEVER released anything to do direct PC programming. Deep down , I believe they knew or could be done. BUT even with my close workings with engineers, they never indicated it was possible . Many customers also asked WHY also.

Regards

Roger

Roger w

mailto:waldrgr%40rochester.rr.com

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1482. RE: [harris-radio] RF 3200E

Yahoo group: harris-radio
Date: 2013-04-02 20:19:56 UTC
From: Roger Waldmiller
Topic: 1477 Message: 1482

Hi Terry:

The Pc remote will only change the channel#, and these will be the freq you program into the 1-120, because when you do program the 1-120 you select the mode and lock it to that channel.

I do not believe you can see RANKING in the display , only on the PC.

I believe message to transmit or rx come from the PC . But there may be a storing messages and then recalling the location to send. I would have to check the manual/.

The 500 and the 3200 are different animals, different engineers, different environment.

The user manual for the operation of the 3200E is 10212-0050-20

Contact me direct on this.

Regards

K4alphapapa

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Terry
Sent: Tuesday, April 02, 2013 3:52 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF 3200E

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Also was surprsed when I typed SHow and it has LISTEN OFF. All these commnads are available in the 5000 series of the same erra not sure why they didn't use the same remote instruciton set cost impact would have been minimal I would have thought.

Any idea on a source for user manual?

Terry

From: Roger Waldmiller <waldrgr@... <mailto:waldrgr%40rochester.rr.com> >
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Sent: Tuesday, April 2, 2013 3:27 PM
Subject: RE: [harris-radio] RF 3200E

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Roger w

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3200 ,2000,3230,

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Also any remote command sets or instructions that are not listed via the HELP command would be appreciated if any exist.

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Terry
AB8AL/NNN0ZZO

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[Non-text portions of this message have been removed]

1483. psk 31

Yahoo group: harris-radio
Date: 2013-04-03 18:50:32 UTC
From: lcraciun2007
Topic: 1483 Message: 1483

Hi guys
Got my prc 138 back from murphy after a module failed and thanks to himh everything is back working now.
I have the data cable and convert or for the VGA computer connector (rs 232 9 DB to 15 DB)
What actually has to be done to get to work digital?
Radio settings
What type of program,etc
Thanks everyone
Lee

1484. Programmer R18

Yahoo group: harris-radio
Date: 2013-04-03 22:23:44 UTC
From: wkoby1
Topic: 1484 Message: 1484

Anyone familiar with Tyco/Harris Programmer R18?

I had gotten a spare copy from a system administrator who was scrapping their EDACS system for an areawide P25 system, and in our move I cannot locate the CD. I'm looking for the winhlp32.hlp file and any tutorial files since he installed only the executable file at the time on my laptop.

Thanks

1485. Re: New Member w/Some Questions

Yahoo group: harris-radio
Date: 2013-04-04 01:16:40 UTC
From: nsnsnp
Topic: 338 Message: 1485

Any idea where I could find a RF3200ET??? I am in Belize and I have been looking for one for the past 7 years. A great Emergency radio! If you happen to know please email me, wa0vzv@...

Thanks,

Paul

--- In harris-radio@yahoogroups.com, Brooke Clarke <brooke@...> wrote:
>
> Hi:
>
> I have one of the suitcase HF radios, RF3200ET, see:
> http://www.prc68.com/I/RF3200ET.shtml
> looking for half of the RF-1940 Portable Long Wire/Dipole Antenna and/or the
> accessory bag and it's contents. Can the RF3200ET be used on ALE with the
> antenna coupler, or is a matched antenna required?
>
> I'm interested in the PRC-138 for a couple of reasons.
> I replaced the URC-113 (PRC-104 & RF Amp) in the upper right corner of the
> GRC-206, see:
> http://www.prc68.com/I/MT6250.shtml
> so I'm looking for any information about the PRC-138, RF Amp and mount.
>
> Also I'm trying to understand the remote control protocol for the PRC-138.
> My file PROTOCOL.TXT is corrupted and looking for a readable version. I think
> the RF-5000 and PRC-138 remote commands are very close, but expect that all
> Harris radios use a common control protocol, is that the case?
> Will the Power Amp/Antenna Coupler work on ALE or is a matched antenna required?
>
> What Harris remotes will control the PRC-138 with an RF Power Amp?
>
> --
> Have Fun,
>
> Brooke Clarke, N6GCE
> http://www.prc68.com
>

1486. Re: Harris manuals and spare cards for sale

Yahoo group: harris-radio
Date: 2013-04-05 17:54:15 UTC
From: rfsystem@sbcglobal.net
Topic: 1348 Message: 1486

Still have lots of the components for sale plus a RF-110A Amplifier in good condition for $2000 (No power supply) plus shipping and a RF-127 Antenna Coupler for $1250 plus shipping. Any interest let me know.

--- In harris-radio@yahoogroups.com, "rfsystem@..." <rfsystem@...> wrote:
>
> Cleaning out an estate for friends wife. He was a collector of commercial/military radios. I don't know much about this other than web searches, cards appear to be spares that are bagged. Most appear to be for Harris RF-590 receivers and manuals for same Harris radio equipment or system. Any questions on cards or manuals and I can send you a picture. Have the following items for sale:
>
> Manuals
> RF-3466A $25
> RF-601A $25
> RF-575 $25
> RF-112A $25
> RF-1130A-01/02 $50
> RF-130-01/02 $50
> RF-590 $100
> RF-124 $25
> RF-110A $50
> RF-127-01/02 $50
> RF-1310 $100
>
> Cards $25 EA
> 1001-0414 ASSY PANEL/INTERCONNECT
> 10073-4500 PLL 5 ASSY RF-590
> 10073-4400
> 1001-0241/7634-0034 POWER SUPPLY ASSY
> 10073-4700 REFERENCE GENERATOR ASSY
> 10073-5500-02 IF FILTER ASSY ($50)
> 10073-5300 SECOND CONVERSION ASSY
> 10073-4600 BFO PWB ASSY
> 1001-0606/6049-6204 METER AMP PC BOARD
> 1001-0605/6049-6303 TUNEUP CONTROL PC BOARD ASSY
> 10121-4700 GENERATOR ASSY
> 10024-1000-01 PRESELECTOR ($50)
> 1001-0545-02/10215-6640 RF1317A POST SELECTOR
> 10073-4100 PLL-1
> 10121-2800 DISPLAY BACKPLANE?
> MK-0009 MICROPHONE $25
>
> All items price plus shipping.
>

> Contact me at rfsystem@...
>

1487. Programming of a P7100

Yahoo group: harris-radio
Date: 2013-04-07 01:27:44 UTC
From: ltw307
Topic: 1487 Message: 1487

Have a chance to pick up a P7100 scan in UHF-H, before I get this I was wondering if anyone knows if it's possible to program down to armature 70cm band? I've looked at the SW (Programmer V18) and it looks like it will only do 403-430Mc or 450-470Mc.
Thanks

1488. Re: [harris-radio] Programming of a P7100

Yahoo group: harris-radio
Date: 2013-04-07 01:42:49 UTC
From: Glenn (Butch) Kanvick
Topic: 1487 Message: 1488

I have an Orion and it is 440-470 MHz.

On Sat, Apr 6, 2013 at 7:27 PM, ltw307 <bwright307@...> wrote:

> **
>
>
> Have a chance to pick up a P7100 scan in UHF-H, before I get this I was
> wondering if anyone knows if it's possible to program down to armature 70cm
> band? I've looked at the SW (Programmer V18) and it looks like it will only
> do 403-430Mc or 450-470Mc.
> Thanks
>
>
>

--
Glenn (Butch) Kanvick
KE7FEL/R

[Non-text portions of this message have been removed]

1489. prc 138

Yahoo group: harris-radio
Date: 2013-04-08 02:20:39 UTC
From: lcraciun2007
Topic: 1489 Message: 1489

Looking to get a modem to connect to sound card for psk ,digital work on prc 138
I need to know how much current the ptt circuit draws. Not so hard to do, just connect a DC Ammeter from the ptt pin to ground and read how many milliamps it's pulling on transmit. If it is over 50 ma or under 50 ma, then i would need to know the pinout of that connector.
I appreciate if anyone has this value.
Lee

1490. Re: Remote Cable 10372-9868-06 & PRC-138?

Yahoo group: harris-radio
Date: 2013-03-27 10:38:28 UTC
From: Stuart Mckinnon
Topic: 1458 Message: 1490

Group

This is already proving interesting this connection to radio, I believe that a data cable I bought off the bay recently is the correct one, I also have a couple of Brand new ex MOD Ttoughbooks and would dearly like to try them out, I did ask the question before, do we need Harris software installed on the Toughbook, sorry to be computer illiterate!

Another good idea if someone had the courage Hi Hi, would be to film and upload process to You Tube, I find those instructional films a great help

Cheers

Stuart
G0TBI

[Non-text portions of this message have been removed]

1491. Re: New Member w/Some Questions

Yahoo group: harris-radio
Date: 2013-04-04 17:21:30 UTC
From: Stuart
Topic: 338 Message: 1491

Hi Paul

What is a RF3200ET Do you have a picture of one, and BTW I was in Belize in the early seventies with the British Army, spent some time at Airport camp, and San Ignacio, commanded a rebro station there, we were there in response to sabre rattling by Guatamala, shipped in on HMS Ark Royal whilst on a 2 week exercise, with RN and Royal marines and a Flight of P1127 Kestrel's, the forerunner to the Harrier Jump Jet, so a two week excercise turned into just over 6 months, best part was on return, pay parade £650 No where to spend in Belize whilst up country so with 5 weeks leave upon return a great time was had by all!

Stuart
G0TBI
--- In harris-radio@yahoogroups.com, "nsnsnp" <wa0vzv@...> wrote:
>
> Any idea where I could find a RF3200ET??? I am in Belize and I have been looking for one for the past 7 years. A great Emergency radio! If you happen to know please email me, wa0vzv@...
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> > http://www.prc68.com/I/RF3200ET.shtml
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> > Also I'm trying to understand the remote control protocol for the PRC-138.
> > My file PROTOCOL.TXT is corrupted and looking for a readable version. I think
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> > Harris radios use a common control protocol, is that the case?
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> >
> > What Harris remotes will control the PRC-138 with an RF Power Amp?

> >
> > --
> > Have Fun,
> >
> > Brooke Clarke, N6GCE
> > http://www.prc68.com
> >
>

1492. RE: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?

Yahoo group: harris-radio
Date: 2013-04-09 16:35:13 UTC
From: W2HX
Topic: 1458 Message: 1492

No software needed, just a terminal program like hyperterm. Just set hyperterm to the same parameters the 138 is set to (baud, parity, stop, etc) and type commands.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Stuart Mckinnon
Sent: Wednesday, March 27, 2013 6:38 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?

Group

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Another good idea if someone had the courage Hi Hi, would be to film and upload process to You Tube, I find those instructional films a great help

Cheers

Stuart
G0TBI

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1493. Re: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?

Yahoo group: harris-radio
Date: 2013-04-09 23:41:42 UTC
From: Brooke Clarke
Topic: 1458 Message: 1493

Hi Stuart:

It turns out the my Toughbook CF30 running WIN XP did not work because WIN XP does not allow direct access to the serial
ports.
The fix for that is to boot the computer into DOS. This requires a DOS bootable CD-ROM or, depending on if your
computer supports it in the BIOS, a DOS bootable USB drive.
In both of the above cases the Falcom program on the bootable media and as an option a hard drive partition formatted in
FAT.
http://www.prc68.com/I/PRC138.html#Remote

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

Stuart Mckinnon wrote:
> Group
>
> This is already proving interesting this connection to radio, I believe that a data cable I bought off the bay recently is the correct one, I also have a couple of Brand new ex MOD Ttoughbooks and would dearly like to try them out, I did ask the question before, do we need Harris software installed on the Toughbook, sorry to be computer illiterate!
>
> Another good idea if someone had the courage Hi Hi, would be to film and upload process to You Tube, I find those instructional films a great help
>
> Cheers
>
> Stuart
> G0TBI
>
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>

> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
>
>

1494. Re: [harris-radio] Re: New Member w/Some Questions

Yahoo group: harris-radio
Date: 2013-04-09 23:42:39 UTC
From: Brooke Clarke
Topic: 338 Message: 1494

Hi Stuart:

For the RF3200ET see:
http://www.prc68.com/I/RF3200ET.shtml

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

Stuart wrote:
> Hi Paul
>
> What is a RF3200ET Do you have a picture of one, and BTW I was in Belize in the early seventies with the British Army, spent some time at Airport camp, and San Ignacio, commanded a rebro station there, we were there in response to sabre rattling by Guatamala, shipped in on HMS Ark Royal whilst on a 2 week exercise, with RN and Royal marines and a Flight of P1127 Kestrel's, the forerunner to the Harrier Jump Jet, so a two week excercise turned into just over 6 months, best part was on return, pay parade ?650 No where to spend in Belize whilst up country so with 5 weeks leave upon return a great time was had by all!
>
> Stuart
> G0TBI
> --- In harris-radio@yahoogroups.com, "nsnsnp" <wa0vzv@...> wrote:
>> Any idea where I could find a RF3200ET??? I am in Belize and I have been looking for one for the past 7 years. A great Emergency radio! If you happen to know please email me, wa0vzv@...
>>
>> Thanks,
>>
>> Paul
>>
>> --- In harris-radio@yahoogroups.com, Brooke Clarke <brooke@> wrote:
>>> Hi:
>>>
>>> I have one of the suitcase HF radios, RF3200ET, see:
>>> http://www.prc68.com/I/RF3200ET.shtml
>>> looking for half of the RF-1940 Portable Long Wire/Dipole Antenna and/or the
>>> accessory bag and it's contents. Can the RF3200ET be used on ALE with the
>>> antenna coupler, or is a matched antenna required?
>>>
>>> I'm interested in the PRC-138 for a couple of reasons.
>>> I replaced the URC-113 (PRC-104 & RF Amp) in the upper right corner of the
>>> GRC-206, see:
>>> http://www.prc68.com/I/MT6250.shtml

>>> so I'm looking for any information about the PRC-138, RF Amp and mount.
>>>
>>> Also I'm trying to understand the remote control protocol for the PRC-138.
>>> My file PROTOCOL.TXT is corrupted and looking for a readable version. I think
>>> the RF-5000 and PRC-138 remote commands are very close, but expect that all
>>> Harris radios use a common control protocol, is that the case?
>>> Will the Power Amp/Antenna Coupler work on ALE or is a matched antenna required?
>>>
>>> What Harris remotes will control the PRC-138 with an RF Power Amp?
>>>
>>> --
>>> Have Fun,
>>>
>>> Brooke Clarke, N6GCE
>>> http://www.prc68.com
>>>
>
>
>
> ----------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC
from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
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1495. Re: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?

Yahoo group: harris-radio
Date: 2013-04-09 23:43:12 UTC
From: Brooke Clarke
Topic: 1458 Message: 1495

Hi Eugene:

Have you made that work?

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

W2HX wrote:
> No software needed, just a terminal program like hyperterm. Just set hyperterm to the same parameters the 138 is set to (baud, parity, stop, etc) and type commands.
>
>
> 73 Eugene W2HX
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Stuart Mckinnon
> Sent: Wednesday, March 27, 2013 6:38 AM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?
>
>
>
> Group
>
> This is already proving interesting this connection to radio, I believe that a data cable I bought off the bay recently is the correct one, I also have a couple of Brand new ex MOD Ttoughbooks and would dearly like to try them out, I did ask the question before, do we need Harris software installed on the Toughbook, sorry to be computer illiterate!
>
> Another good idea if someone had the courage Hi Hi, would be to film and upload process to You Tube, I find those instructional films a great help
>
> Cheers
>
> Stuart
> G0TBI
>
> [Non-text portions of this message have been removed]
>
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> [Non-text portions of this message have been removed]
>

>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
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> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
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>

1496. Re: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?

Yahoo group: harris-radio
Date: 2013-04-10 00:11:09 UTC
From: Claus Hanke
Topic: 1458 Message: 1496

It works very well. If you just type <ENTER> (I use PROCMON terminal program) you should get "SSB" as a response. Type in HELP and you should get a table with all the commands available from where you are. If you change to ALE or MODEM etc you get more help menues. All capital letters!

I can e.g. upload a text file to fill all the channels in the memory.

Claus
KI6KYK

From: Brooke Clarke <brooke@pacific.net>
To: harris-radio@yahoogroups.com
Sent: Tuesday, April 9, 2013 4:43 PM
Subject: Re: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?

Hi Eugene:

Have you made that work?

Have Fun,

Brooke Clarke
http://www.prc68.com/
http://www.end2partygovernment.com/2012Issues.html

[Non-text portions of this message have been removed]

1497. RE: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?

Yahoo group: harris-radio
Date: 2013-04-10 00:20:03 UTC
From: W2HX
Topic: 1458 Message: 1497

Yes, no problem. Windows XP, hyperterm connected to my PRC-138. Better yet, I also used a program called Terminal.exe
https://sites.google.com/site/terminalbpp/

with this, I can to a telnet session to my PC which is connected to the -138. So anywhere on my home network, I can talk to the radio, set frequency, mode, agc, etc. Taking it to the next leve, you can be anywhere on the internet (provided you have your router set up properly) you can talk to the radio. Honestly, not much you can really do like that, but just an interesting excercise.

If I could figure out how to stream the audio using the U-229 connectors to my PC, you could have a fully remote setup.

Although I have the Harris FALCOM software, I've never played with it. I suspect it is of a vintage that would require it to have direct hardware access which as you note is probably prohibited from XP. On the other hand, hyperterm is a serial port terminal program, so they would have had to make it work.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Brooke Clarke
Sent: Tuesday, April 09, 2013 7:43 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?

Hi Eugene:

Have you made that work?

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

W2HX wrote:
> No software needed, just a terminal program like hyperterm. Just set hyperterm to the same parameters the 138 is set to (baud, parity, stop, etc) and type commands.
>
>
> 73 Eugene W2HX
>
> From: harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com> [mailto:harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>] On Behalf Of Stuart Mckinnon
> Sent: Wednesday, March 27, 2013 6:38 AM

> To: harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>
> Subject: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?
>
>
>
> Group
>
> This is already proving interesting this connection to radio, I believe that a data cable I bought off the bay recently is the correct one, I also have a couple of Brand new ex MOD Ttoughbooks and would dearly like to try them out, I did ask the question before, do we need Harris software installed on the Toughbook, sorry to be computer illiterate!
>
> Another good idea if someone had the courage Hi Hi, would be to film and upload process to You Tube, I find those instructional films a great help
>
> Cheers
>
> Stuart
> G0TBI
>
> [Non-text portions of this message have been removed]
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ---
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo<http://www.2mypc.netYahoo>! Groups Links
>
>
>
>
>

[Non-text portions of this message have been removed]

1498. Re: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?

Yahoo group: harris-radio
Date: 2013-04-10 00:31:40 UTC
From: Terry
Topic: 1458 Message: 1498

your XP has an issue then. I it works fine with XP and Win 7 hear.
Connected this way ot a 5022 and am connected as I type to the 3200E

Terry

From: Brooke Clarke <brooke@...>
To: harris-radio@yahoogroups.com
Sent: Tuesday, April 9, 2013 7:41 PM
Subject: Re: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?

Hi Stuart:

It turns out the my Toughbook CF30 running WIN XP did not work because WIN XP does not allow direct access to the serial
ports.
The fix for that is to boot the computer into DOS. This requires a DOS bootable CD-ROM or, depending on if your
computer supports it in the BIOS, a DOS bootable USB drive.
In both of the above cases the Falcom program on the bootable media and as an option a hard drive partition formatted in
FAT.
http://www.prc68.com/I/PRC138.html#Remote

Have Fun,

Brooke Clarke
http://www.prc68.com/
http://www.end2partygovernment.com/2012Issues.html

Stuart Mckinnon wrote:
> Group
>
> This is already proving interesting this connection to radio, I believe that a data cable I bought off the bay recently is the correct one, I also have a couple of Brand new ex MOD Ttoughbooks and would dearly like to try them out, I did ask the question before, do we need Harris software installed on the Toughbook, sorry to be computer illiterate!
>
> Another good idea if someone had the courage Hi Hi, would be to film and upload process to You Tube, I find those instructional films a great help
>
> Cheers
>
> Stuart
> G0TBI
>
>
>

>
> [Non-text portions of this message have been removed]
>
>
>
> ----------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
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>
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[Non-text portions of this message have been removed]

1499. Re: [harris-radio] Re: Harris manuals and spare cards for sale

Yahoo group: harris-radio
Date: 2013-04-10 18:19:50 UTC
From: Edward Kott
Topic: 1348 Message: 1499

Received the 1130 manual. Thank you very much, ED KQ5F

--- On Fri, 4/5/13, rfsystem@... <rfsystem@...> wrote:

From: rfsystem@... <rfsystem@...>
Subject: [harris-radio] Re: Harris manuals and spare cards for sale
To: harris-radio@yahoogroups.com
Date: Friday, April 5, 2013, 5:54 PM

Still have lots of the components for sale plus a RF-110A Amplifier in good condition for $2000 (No power supply) plus shipping and a RF-127 Antenna Coupler for $1250 plus shipping. Any interest let me know.

--- In harris-radio@yahoogroups.com, "rfsystem@..." <rfsystem@...> wrote:
>
> Cleaning out an estate for friends wife. He was a collector of commercial/military radios. I don't know much about this other than web searches, cards appear to be spares that are bagged. Most appear to be for Harris RF-590 receivers and manuals for same Harris radio equipment or system. Any questions on cards or manuals and I can send you a picture. Have the following items for sale:
>
> Manuals
> RF-3466A $25
> RF-601A $25
> RF-575 $25
> RF-112A $25
> RF-1130A-01/02 $50
> RF-130-01/02 $50
> RF-590 $100
> RF-124 $25
> RF-110A $50
> RF-127-01/02 $50
> RF-1310 $100
>
> Cards $25 EA
> 1001-0414 ASSY PANEL/INTERCONNECT
> 10073-4500 PLL 5 ASSY RF-590
> 10073-4400
> 1001-0241/7634-0034 POWER SUPPLY ASSY
> 10073-4700 REFERENCE GENERATOR ASSY
> 10073-5500-02 IF FILTER ASSY ($50)
> 10073-5300 SECOND CONVERSION ASSY
> 10073-4600 BFO PWB ASSY
> 1001-0606/6049-6204 METER AMP PC BOARD
> 1001-0605/6049-6303 TUNEUP CONTROL PC BOARD ASSY
> 10121-4700 GENERATOR ASSY

> 10024-1000-01 PRESELECTOR ($50)
> 1001-0545-02/10215-6640 RF1317A POST SELECTOR
> 10073-4100 PLL-1
> 10121-2800 DISPLAY BACKPLANE?
> MK-0009 MICROPHONE $25
>
> All items price plus shipping.
>
> Contact me at rfsystem@...
>

[Non-text portions of this message have been removed]

1500. Re: [harris-radio] Re: Harris manuals and spare cards for sale

Yahoo group: harris-radio
Date: 2013-04-10 18:51:16 UTC
From: spirit.fl@netzero.com
Topic: 1348 Message: 1500

I would be interested in the mk 0009 mic.
Please respond to
Spirit.fl@net zero.net
Please note: message attached

From: Edward Kott <slow.loris1@...>
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Harris manuals and spare cards for sale
Date: Wed, 10 Apr 2013 11:19:50 -0700 (PDT)

Woman is 53 But Looks 25
Mom reveals 1 simple wrinkle trick that has angered doctors...
http://thirdpartyoffers.netzero.net/TGL3231/5165b4e43a6334e31ae5st04duc

[Non-text portions of this message have been removed]

1501. NRDI for PRC-138

Yahoo group: harris-radio
Date: 2013-04-14 13:10:53 UTC
From: hf_ops_normal
Topic: 1501 Message: 1501

Hi,
Does anyone have Harris NRDI (Network Radio Driver Installer) software that presents Baud rates down to 9600 or less, so that it would be suitable for use with PRC-138?

If so what version number does the NRDI report as? ('About' button)

Versions I've seen installed offer only 19200 to 115200 Baud, so won't work with PRC-138.

1502. Re: Remote Cable 10372-9868-06 & PRC-138?

Yahoo group: harris-radio
Date: 2013-04-13 20:31:49 UTC
From: Stuart
Topic: 1458 Message: 1502

Thanks all for info and yes I do now recognise the

RF3200, I do believe one of our UK VMARS member has one, I will make enquiries, I got lost a little with all the potential solutions to the data cable but when I have time I will explore, Cheers

Stuart

G0TBI

--- In harris-radio@yahoogroups.com, "W2HX" <w2hx@...> wrote:
>
> Yes, no problem. Windows XP, hyperterm connected to my PRC-138. Better yet, I also used a program called Terminal.exe
> https://sites.google.com/site/terminalbpp/
>
> with this, I can to a telnet session to my PC which is connected to the -138. So anywhere on my home network, I can talk to the radio, set frequency, mode, agc, etc. Taking it to the next leve, you can be anywhere on the internet (provided you have your router set up properly) you can talk to the radio. Honestly, not much you can really do like that, but just an interesting excercise.
>
> If I could figure out how to stream the audio using the U-229 connectors to my PC, you could have a fully remote setup.
>
> Although I have the Harris FALCOM software, I've never played with it. I suspect it is of a vintage that would require it to have direct hardware access which as you note is probably prohibited from XP. On the other hand, hyperterm is a serial port terminal program, so they would have had to make it work.
>
> 73 Eugene W2HX
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Brooke Clarke
> Sent: Tuesday, April 09, 2013 7:43 PM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?
>
>
>
> Hi Eugene:
>
> Have you made that work?
>
> Have Fun,
>

> Brooke Clarke
> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
>
> W2HX wrote:
> > No software needed, just a terminal program like hyperterm. Just set hyperterm to the same parameters the 138 is set to (baud, parity, stop, etc) and type commands.
> >
> >
> > 73 Eugene W2HX
> >
> > From: harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com> [mailto:harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>] On Behalf Of Stuart Mckinnon
> > Sent: Wednesday, March 27, 2013 6:38 AM
> > To: harris-radio@yahoogroups.com<mailto:harris-radio%40yahoogroups.com>
> > Subject: [harris-radio] Re: Remote Cable 10372-9868-06 & PRC-138?
> >
> >
> >
> > Group
> >
> > This is already proving interesting this connection to radio, I believe that a data cable I bought off the bay recently is the correct one, I also have a couple of Brand new ex MOD Ttoughbooks and would dearly like to try them out, I did ask the question before, do we need Harris software installed on the Toughbook, sorry to be computer illiterate!
> >
> > Another good idea if someone had the courage Hi Hi, would be to film and upload process to You Tube, I find those instructional films a great help
> >
> > Cheers
> >
> > Stuart
> > G0TBI
> >
> > [Non-text portions of this message have been removed]
> >
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> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?
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from outside your home or business?
> >
> > www.2mypc.netYahoo<http://www.2mypc.netYahoo>! Groups Links
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> [Non-text portions of this message have been removed]
>

1503. RE: [harris-radio] NRDI for PRC-138

Yahoo group: harris-radio
Date: 2013-04-14 19:05:07 UTC
From: W2HX
Topic: 1501 Message: 1503

You might want to try a baud rate converter. Google found this but I haven't used it

http://serialgadget.com/

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of hf_ops_normal
Sent: Sunday, April 14, 2013 9:11 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] NRDI for PRC-138

Hi,
Does anyone have Harris NRDI (Network Radio Driver Installer) software that presents Baud rates down to 9600 or less, so that it would be suitable for use with PRC-138?

If so what version number does the NRDI report as? ('About' button)

Versions I've seen installed offer only 19200 to 115200 Baud, so won't work with PRC-138.

1504. Re: NRDI for PRC-138

Yahoo group: harris-radio
Date: 2013-04-20 20:31:55 UTC
From: Steve
Topic: 1501 Message: 1504

The NRDI is only for PPP connections, the AN/PRC-138 only uses a serial connection. Any terminal program which can run at 9600 will work. I like Teraterm, it is free and works quite well.

Steve KD2OM/NNN0HSB

--- In harris-radio@yahoogroups.com, "hf_ops_normal" <yhg@...> wrote:
>
> Hi,
> Does anyone have Harris NRDI (Network Radio Driver Installer) software that presents Baud rates down to 9600 or less, so that it would be suitable for use with PRC-138?
>
> If so what version number does the NRDI report as? ('About' button)
>
> Versions I've seen installed offer only 19200 to 115200 Baud, so won't work with PRC-138.
>

1505. Re: [harris-radio] Re: NRDI for PRC-138

Yahoo group: harris-radio
Date: 2013-04-21 23:22:37 UTC
From: spirit.fl@netzero.com
Topic: 1501 Message: 1505

Hi
Anyone has any experience with tuning psk with prc 138?
Lee

Please note: message attached

From: "Steve" <stevesykes@...>
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: NRDI for PRC-138
Date: Sat, 20 Apr 2013 20:31:55 -0000

_____
How to Sleep Like a Rock
Obey this one natural trick to fall asleep and stay asleep all night.
http://thirdpartyoffers.netzero.net/TGL3231/517474d747fb074d72e76st04duc

[Non-text portions of this message have been removed]

1506. R-2368 receiver A14 control board

Yahoo group: harris-radio
Date: 2013-04-22 16:21:02 UTC
From: w4jda
Topic: 1506 Message: 1506

Anyone have one or know of one? Maybe a meter board as well. Thanks. Gilbert

1507. For Sale UBI-2590 Batteries

Yahoo group: harris-radio
Date: 2013-04-24 09:14:59 UTC
From: Stuart
Topic: 1507 Message: 1507

Group

As the above title states I have a pair of Ultralife UBI-2590 Lith Ion batteries for sale, they are New Unisued ! General Dynamics Charge date
21/02/2013, Expiry date 21/11/2013, that is to say they need charging before expiry date, otherwise I am again told that you may not recover them?

Mail me direct if seriously interested, mind if your stateside I gather there are now restrictions on battery shipping??

Cheers

Stuart
G0TBI QTHR

stuartjmckinnon@...

1508. Harris R2368: DC-DC converter P/N 10215-2250

Yahoo group: harris-radio
Date: 2013-05-02 01:14:23 UTC
From: Berndt Josef Wulf
Topic: 1508 Message: 1508

G'day,

I'm restoring a Harris R2368/URR receiver, which has a bad DC-DC converter on the A13A2 driver board shorting out the -15V supply rail. It appears to be a sealed unit and not a repairable item.

Does anyone have one for sale or knows a source from where it can be obtained?

73, Berndt
VK5ABN

1509. Re: Looking for Manual on RF-3490 Data Buffer

Yahoo group: harris-radio
Date: 2013-05-02 11:16:39 UTC
From: djinni442
Topic: 577 Message: 1509

Hello all,

I'm also looking for a manual. Does anyone have one?

Thanks!

--- In harris-radio@yahoogroups.com, "j.cherry377" <j.cherry377@...> wrote:
>
> Still looking for a manual or a scan of one for the 3490 series of Data Buffer boxes
>

1510. Re: Harris R2368: DC-DC converter P/N 10215-2250

Yahoo group: harris-radio
Date: 2013-05-02 13:17:56 UTC
From: w4jda
Topic: 1508 Message: 1510

Harris used this DC-DC convertor in all their flourescent display equipment-RF-590,RF-590A,R-2368,RF-1310, ALE control,etc. Output voltages are either 35V dc and 6.3v dc for filaments, or 33V and 5.8V. Look to be interchangeable. The only manual I found that shows the convertor schematic was the RF-1310A. If one of the electolytics or diodes is shorted, you should be able to fix. I do have a complete RF-1310 front panel with attached boards, one of which includes a 10073-2250. Also, a complete R-2368 except for an A14 control board which I am looking for should you part out yours. I'll try to attach the schematic if I can. Gilbert

--- In harris-radio@yahoogroups.com, Berndt Josef Wulf <wulf@...> wrote:

> G'day,
>
> I'm restoring a Harris R2368/URR receiver, which has a bad DC-DC
> converter on the A13A2 driver board shorting out the -15V supply rail.
> It appears to be a sealed unit and not a repairable item.
>
> Does anyone have one for sale or knows a source from where it can be
> obtained?
>
> 73, Berndt
> VK5ABN
>

1511. R-2368/urr, Question.

Yahoo group: harris-radio
Date: 2013-05-03 17:14:58 UTC
From: driftermick
Topic: 1511 Message: 1511

Hi guys.

Got a great deal on a R-2368, it's in the mail, as they say. I need the AC plug and cord. I know it's a mil type amp, 4 female pin type. Nothing on a web search. Even Toronto surplus doesn't have a listing on one. Anyone have one they could part with? Or can someone point me in the right direction? Thanks for any info, or ideas.

Drifter...

(Mike)

1512. Re: [harris-radio] R-2368/urr, Question.

Yahoo group: harris-radio
Date: 2013-05-03 20:04:16 UTC
From: Jim Green
Topic: 1511 Message: 1512

Mike,

I got my R-2368/URR out of a dumpster. I knocked on the door and said are you sure you are throwing this out? The answer was Yup do you want the service manual too? I said sure. I didn't think to ask for the cord. I found another mating pair that fit the same location and holes, and switched it over. Right out of the dumpster it BITE tested "Tests Passed". I just wish it had the noise blanker, but I'm not checking the length of the horses teeth.

I found another cord with what looked like a connector that might have mated to the original. I'll look around and see if I can find it in the chaos of my high entropy world.

Jim
On May 3, 2013, at 12:14 PM, driftermick wrote:

> Hi guys.
>
> Got a great deal on a R-2368, it's in the
> mail, as they say. I need the AC plug and cord.
> I know it's a mil type amp, 4 female pin type.
> Nothing on a web search. Even Toronto surplus
> doesn't have a listing on one. Anyone have one
> they could part with? Or can someone point me
> in the right direction? Thanks for any info,
> or ideas.
>
> Drifter...
>
> (Mike)
>
>

[Non-text portions of this message have been removed]

1513. Re: R-2368/urr, Question.

Yahoo group: harris-radio
Date: 2013-05-04 00:52:41 UTC
From: driftermick
Topic: 1511 Message: 1513

Jim.

Wow, I guess you live right. Thanks for the reply. Been looking
everywhere for the connector, or even part numbers. Coming up
blank all over. Even Mike Murphy doesn't have one. I though he
has everything out there. Anyhow, if you find the connector,
I'll take it. Just let me know how much and shipping, and where
to send the check, or M.O. Wow, maybe my turn to be lucky.
Thanks again.

Mike...

--- In harris-radio@yahoogroups.com, Jim Green <jagreen3@...> wrote:
>
> Mike,
>
> I got my R-2368/URR out of a dumpster. I knocked on the door and said are you sure you
are throwing this out? The answer was Yup do you want the service manual too? I said sure.
I didn't think to ask for the cord. I found another mating pair that fit the same location
and holes, and switched it over. Right out of the dumpster it BITE tested "Tests Passed". I
just wish it had the noise blanker, but I'm not checking the length of the horses teeth.
>
> I found another cord with what looked like a connector that might have mated to the
original. I'll look around and see if I can find it in the chaos of my high entropy world.
>
> Jim
> On May 3, 2013, at 12:14 PM, driftermick wrote:
>
> > Hi guys.
> >
> > Got a great deal on a R-2368, it's in the
> > mail, as they say. I need the AC plug and cord.
> > I know it's a mil type amp, 4 female pin type.
> > Nothing on a web search. Even Toronto surplus
> > doesn't have a listing on one. Anyone have one
> > they could part with? Or can someone point me
> > in the right direction? Thanks for any info,
> > or ideas.
> >
> > Drifter...
> >
> > (Mike)
> >
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>

>
> [Non-text portions of this message have been removed]
>

1514. Hi gang!

Yahoo group: harris-radio
Date: 2013-05-16 16:26:46 UTC
From: lcraciun2007
Topic: 1514 Message: 1514

Hi guys
I am in need for a manual for the prc 138
Thanks
Lee
Spirit.fl@net zero.net

1515. BB2590 in PRC-138

Yahoo group: harris-radio
Date: 2013-05-16 18:35:40 UTC
From: Richard Johnson
Topic: 1514 Message: 1515

Ok gang, here is something I was wondering.
I have a 2590 Lithium Ion that reads 17v no load on each side with a total of 34v no load when jumpered to feed a radio. 34v is really high.

I have used the 2590 in the PRC-150, 117F and Sincgars ASIP in the service but was wondering if the older 138s were designed for a voltage that high. 34 kinda scares me and I don't want to blow up my rig.

IE, it should not be used in a prc-104 because the caps in the RT-1209 are rated 28v max.
Regards all
Rich Johnson
KI6EZA

To: harris-radio@yahoogroups.com
From: spirit.fl@...
Date: Thu, 16 May 2013 16:26:46 +0000
Subject: [harris-radio] Hi gang!

Hi guys

I am in need for a manual for the prc 138

Thanks

Lee

Spirit.fl@net zero.net

[Non-text portions of this message have been removed]

1516. BB2590 in PRC-138

Yahoo group: harris-radio
Date: 2013-05-16 18:35:45 UTC
From: Richard Johnson
Topic: 1514 Message: 1516

Ok gang, here is something I was wondering.
I have a 2590 Lithium Ion that reads 17v no load on each side with a total of 34v no load when jumpered to feed a radio. 34v is really high.

I have used the 2590 in the PRC-150, 117F and Sincgars ASIP in the service but was wondering if the older 138s were designed for a voltage that high. 34 kinda scares me and I don't want to blow up my rig.

IE, it should not be used in a prc-104 because the caps in the RT-1209 are rated 28v max.
Regards all
Rich Johnson
KI6EZA

[Non-text portions of this message have been removed]

1517. Re: [harris-radio] BB2590 in PRC-138

Yahoo group: harris-radio
Date: 2013-05-16 19:43:50 UTC
From: Brooke Clarke
Topic: 1514 Message: 1517

Hi Rich:

I've seen official announcements that the BB-2590 will burn out the Javilin system, but that's the only problem I know
of because of the higher voltage.
http://www.prc68.com/I/BA5590.shtml

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

Richard Johnson wrote:
> Ok gang, here is something I was wondering.
> I have a 2590 Lithium Ion that reads 17v no load on each side with a total of 34v no load when jumpered to feed a radio. 34v is really high.
>
> I have used the 2590 in the PRC-150, 117F and Sincgars ASIP in the service but was wondering if the older 138s were designed for a voltage that high. 34 kinda scares me and I don't want to blow up my rig.
>
> IE, it should not be used in a prc-104 because the caps in the RT-1209 are rated 28v max.
> Regards all
> Rich Johnson
> KI6EZA
>
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> [Non-text portions of this message have been removed]
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> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
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1518. RF-1310 swap

Yahoo group: harris-radio
Date: 2013-05-23 15:33:55 UTC
From: Dave
Topic: 1518 Message: 1518

I have a good condx RF1310 exciter that I would swap for an RF-124 power supply.

Let me know if interested..,

tnx

Dave WB4HYP

1519. Re: RF-1310 swap

Yahoo group: harris-radio
Date: 2013-05-24 13:34:15 UTC
From: bob35795
Topic: 1518 Message: 1519

--- In harris-radio@yahoogroups.com, "Dave" <dogbertdc@...> wrote:
>
> I have a good condx RF1310 exciter that I would swap for an RF-124 power supply.
>
> Let me know if interested..,
>
> tnx
>
> Dave WB4HYP
>

Tried to contact you direct, but no reply. I have several RF-124 supplies in my warehouse and would be interested in a trade.
http://www.tinyurl.com/kg4ojz
contact me at rjgunther@...

Bob NM1Z

1520. Wanted RF- or CU-2397

Yahoo group: harris-radio
Date: 2013-06-03 11:39:23 UTC
From: AC2FC
Topic: 1520 Message: 1520

Hi ,
I am looking to buy antenna coupler Harris RF -382 or CU -2397.
My email is tarniowy@...

Thanks
Arek AC2FC

1521. AN/PRC-152

Yahoo group: harris-radio
Date: 2013-06-08 18:25:33 UTC
From: vu3cfk
Topic: 1521 Message: 1521

Hello,
I am searching for a good VHF/UHF Handheld and i found that this Harris AN/PRC-152 is a very good radio. Please let me know more about this radio and reviews and what is the cost and is it available online.
Thanks
Adrian.
VU3CFK.

1522. RE: [harris-radio] AN/PRC-152

Yahoo group: harris-radio
Date: 2013-06-08 19:16:01 UTC
From: Richard Johnson
Topic: 1521 Message: 1522

It's a darn good radio but not available because its current and encrypted.
The RF-5800HH is an export version and is available from Harris through a dealer for a bit more than 8 thousand dollars.
Good luck
Rich Johnson

To: harris-radio@yahoogroups.com
From: vu3cfk@...
Date: Sat, 8 Jun 2013 18:25:33 +0000
Subject: [harris-radio] AN/PRC-152

Hello,

I am searching for a good VHF/UHF Handheld and i found that this Harris AN/PRC-152 is a very good radio. Please let me know more about this radio and reviews and what is the cost and is it available online.

Thanks

Adrian.

VU3CFK.

[Non-text portions of this message have been removed]

1523. AN/PRC-152

Yahoo group: harris-radio
Date: 2013-06-09 08:27:34 UTC
From: vu3cfk
Topic: 1521 Message: 1523

Thanks for the reply Rich. I have checked on many websites it is available for purchase please let me know about it. Is it the original Harris available for purchase or it is replica version or fake something etc please let me know about this and please let me know where did you purchase it from ? There are many videos also on youtube here is the link
http://www.youtube.com/watch?v=M7wMUyaxF3U
Another link
http://www.youtube.com/results?search_query=an%2Fprc+152&oq=an%2Fprc&gs_l=youtube.3.0.0l4.2252.6680.0.8389.8.7.0.1.1.0.184.1059.1j6.7.0...0.0...1ac.1.11.youtube.VApOGZ2jNVA
Thanks
Adrian.
VU3CFK

--- In harris-radio@yahoogroups.com, Richard Johnson <killroy321@...> wrote:
>
> It's a darn good radio but not available because its current and encrypted.
> The RF-5800HH is an export version and is available from Harris through a dealer for a bit more than 8 thousand dollars.
> Good luck
> Rich Johnson
>
> To: harris-radio@yahoogroups.com
> From: vu3cfk@...
> Date: Sat, 8 Jun 2013 18:25:33 +0000
> Subject: [harris-radio] AN/PRC-152
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> Hello,
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> I am searching for a good VHF/UHF Handheld and i found that this Harris AN/PRC-152 is a very good radio. Please let me know more about this radio and reviews and what is the cost and is it available online.
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> Thanks
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> Adrian.
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> VU3CFK.
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1524. Re: AN/PRC-152

Yahoo group: harris-radio
Date: 2013-06-09 14:24:29 UTC
From: davidkmcginnis
Topic: 1521 Message: 1524

You are referring to the replica radios, made mostly for the airsoft community.

I cant say for sure this is the case, but they remind me of a baofeng dual band ht ($50) placed inside a copy of a harris shell. The better copies will use actual antennas, batteries and handsets.

--- In harris-radio@yahoogroups.com, "vu3cfk" <vu3cfk@...> wrote:
>
> Thanks for the reply Rich. I have checked on many websites it is available for purchase please let me know about it. Is it the original Harris available for purchase or it is replica version or fake something etc please let me know about this and please let me know where did you purchase it from ? There are many videos also on youtube here is the link http://www.youtube.com/watch?v=M7wMUyaxF3U
> Another link
> http://www.youtube.com/results?search_query=an%2Fprc+152&oq=an%2Fprc&gs_l=youtube.3.0.0l4.2252.6680.0.8389.8.7.0.1.1.0.184.1059.1j6.7.0...0.0...1ac.1.11.youtube.VApOGZ2jNVA
> Thanks
> Adrian.
> VU3CFK
>
> --- In harris-radio@yahoogroups.com, Richard Johnson <killroy321@> wrote:
> >
> > It's a darn good radio but not available because its current and encrypted.
> > The RF-5800HH is an export version and is available from Harris through a dealer for a bit more than 8 thousand dollars.
> > Good luck
> > Rich Johnson
> >
> > To: harris-radio@yahoogroups.com
> > From: vu3cfk@
> > Date: Sat, 8 Jun 2013 18:25:33 +0000
> > Subject: [harris-radio] AN/PRC-152
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> > Hello,
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> > I am searching for a good VHF/UHF Handheld and i found that this Harris AN/PRC-152 is a very good radio. Please let me know more about this radio and reviews and what is the cost and is it available online.
> >
> > Thanks
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> > VU3CFK.
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1525. mail Dennis

Yahoo group: harris-radio
Date: 2013-06-09 21:02:16 UTC
From: Dennis
Topic: 1525 Message: 1525

http://lako-trans.by/vwynjtaemw.php
Dennis

[Non-text portions of this message have been removed]

1526. Re: [harris-radio] mail Dennis

Yahoo group: harris-radio
Date: 2013-06-09 22:11:39 UTC
From: Richard VA3RZS 2
Topic: 1525 Message: 1526

You have been hack fix orgetremovied

Richard Szajkowski

On 2013-06-09, at 5:02 PM, Dennis <spike.dennis@...> wrote:

> http://lako-trans.by/vwynjtaemw.php
> Dennis
>
> [Non-text portions of this message have been removed]
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[Non-text portions of this message have been removed]

1527. Re: [harris-radio] Re: AN/PRC-152

Yahoo group: harris-radio
Date: 2013-06-12 21:40:12 UTC
From: TwoWay Radios
Topic: 1521 Message: 1527

I saw the prices for the actual U.S. AN/PRC-152 version and its 17,000+ for the radio alone, not counting the accessories, or features!

_____
From: davidkmcginnis <david.k.mcginnis@...>
To: harris-radio@yahoogroups.com
Sent: Sunday, June 9, 2013 7:24 AM
Subject: [harris-radio] Re: AN/PRC-152

You are referring to the replica radios, made mostly for the airsoft community.

I cant say for sure this is the case, but they remind me of a baofeng dual band ht ($50) placed inside a copy of a harris shell. The better copies will use actual antennas, batteries and handsets.

--- In harris-radio@yahoogroups.com, "vu3cfk" <vu3cfk@...> wrote:
>
> Thanks for the reply Rich. I have checked on many websites it is available for purchase please let me know about it. Is it the original Harris available for purchase or it is replica version or fake something etc please let me know about this and please let me know where did you purchase it from ? There are many videos also on youtube here is the link http://www.youtube.com/watch?v=M7wMUyaxF3U
> Another link
> http://www.youtube.com/results?search_query=an%2Fprc+152&oq=an%2Fprc&gs_l=youtube.3.0.0l4.2252.6680.0.8389.8.7.0.1.1.0.184.1059.1j6.7.0...0.0...1ac.1.11.youtube.VApOGZ2jNVA
> Thanks
> Adrian.
> VU3CFK
>
> --- In harris-radio@yahoogroups.com, Richard Johnson <killroy321@> wrote:
> >
> > It's a darn good radio but not available because its current and encrypted.
> > The RF-5800HH is an export version and is available from Harris through a dealer for a bit more than 8 thousand dollars.
> > Good luck
> > Rich Johnson
> >
> > To: harris-radio@yahoogroups.com
> > From: vu3cfk@
> > Date: Sat, 8 Jun 2013 18:25:33 +0000
> > Subject: [harris-radio] AN/PRC-152
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> > Hello,
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> > I am searching for a good VHF/UHF Handheld and i found that this Harris AN/PRC-152 is a very good radio. Please let me know more about this radio and reviews and what is the cost and is it available online.
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> > Thanks
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> > Adrian.
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> > VU3CFK.
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1528. RF-3090 power supply issue

Yahoo group: harris-radio
Date: 2013-06-15 21:08:22 UTC
From: ernestlabaco
Topic: 1528 Message: 1528

It appears that I have a bad power supply A04 board. I would appreciate if someone that has knowledge of these radios to contact me please.

Regards,

Ernie

1529. Re: AN/PRC-152

Yahoo group: harris-radio
Date: 2013-06-20 21:03:41 UTC
From: eng tahseen alshqairat
Topic: 1521 Message: 1529

please any body have a service manual for 152 . email:: eng1tahseen@yahoo.com

--- In harris-radio@yahoogroups.com, TwoWay Radios <two_wayradios@...> wrote:
>
> I saw the prices for the actual U.S. AN/PRC-152 version and its 17,000+ for the radio alone, not counting the accessories, or features!
>
>
> _____
> From: davidkmcginnis <david.k.mcginnis@...>
> To: harris-radio@yahoogroups.com
> Sent: Sunday, June 9, 2013 7:24 AM
> Subject: [harris-radio] Re: AN/PRC-152
>
>
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> Â
> You are referring to the replica radios, made mostly for the airsoft community.
>
> I cant say for sure this is the case, but they remind me of a baofeng dual band ht ($50) placed inside a copy of a harris shell. The better copies will use actual antennas, batteries and handsets.
>
> --- In harris-radio@yahoogroups.com, "vu3cfk" <vu3cfk@> wrote:
> >
> > Thanks for the reply Rich. I have checked on many websites it is available for purchase please let me know about it. Is it the original Harris available for purchase or it is replica version or fake something etc please let me know about this and please let me know where did you purchase it from ? There are many videos also on youtube here is the link http://www.youtube.com/watch?v=M7wMUyaxF3U
> > Another link
> > http://www.youtube.com/results?search_query=an%2Fprc+152&oq=an%2Fprc&gs_l=youtube.3.0.0l4.2252.6680.0.8389.8.7.0.1.1.0.184.1059.1j6.7.0...0.0...1ac.1.11.youtube.VApOGZ2jNVA
> > Thanks
> > Adrian.
> > VU3CFK
> >
> > --- In harris-radio@yahoogroups.com, Richard Johnson <killroy321@> wrote:
> > >
> > > It's a darn good radio but not available because its current and encrypted.
> > > The RF-5800HH is an export version and is available from Harris through a dealer for a bit more than 8 thousand dollars.
> > > Good luck
> > > Rich Johnson
> > >

> > > To: harris-radio@yahoogroups.com
> > > From: vu3cfk@
> > > Date: Sat, 8 Jun 2013 18:25:33 +0000
> > > Subject: [harris-radio] AN/PRC-152
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> > > Hello,
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> > > I am searching for a good VHF/UHF Handheld and i found that this Harris AN/PRC-152 is a very good radio. Please let me know more about this radio and reviews and what is the cost and is it available online.
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> > > Thanks
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> > > Adrian.
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1530. RE: [harris-radio] Re: AN/PRC-152

Yahoo group: harris-radio
Date: 2013-06-20 21:52:39 UTC
From: Richard Johnson
Topic: 1521 Message: 1530

That video is of a replica radio, not a prc-152. Its a triumph hand held radio that is made to look like a 152. Having doccumentation for a real Harris PRC-152 will not do you any good, and it is likely not available as nearly all service on Harris brand equipment is done back at the factory. We have not seen a service manual for any of the modern Harris radios.

Rich Johhnson

KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms?"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: eng1tahseen@...
Date: Thu, 20 Jun 2013 21:03:41 +0000
Subject: [harris-radio] Re: AN/PRC-152

please any body have a service manual for 152 . email:: eng1tahseen@...

--- In harris-radio@yahoogroups.com, TwoWay Radios <two_wayradios@...> wrote:
>
> I saw the prices for the actual U.S. AN/PRC-152 version and its 17,000+ for the radio alone, not counting the accessories, or features!
>
>
> _____
> From: davidkmcginnis <david.k.mcginnis@...>
> To: harris-radio@yahoogroups.com
> Sent: Sunday, June 9, 2013 7:24 AM
> Subject: [harris-radio] Re: AN/PRC-152
>
>
>
> ?
> You are referring to the replica radios, made mostly for the airsoft community.
>
> I cant say for sure this is the case, but they remind me of a baofeng dual band ht ($50) placed inside a copy of a harris shell. The better copies will use actual antennas, batteries and handsets.
>
> --- In harris-radio@yahoogroups.com, "vu3cfk" <vu3cfk@> wrote:
> >

> > Thanks for the reply Rich. I have checked on many websites it is available for purchase please let me know about it. Is it the original Harris available for purchase or it is replica version or fake something etc please let me know about this and please let me know where did you purchase it from ? There are many videos also on youtube here is the link http://www.youtube.com/watch?v=M7wMUyaxF3U
> > Another link
> > http://www.youtube.com/results?search_query=an%2Fprc+152&oq=an%2Fprc&gs_l=youtube.3.0.0l4.2252.6680.0.8389.8.7.0.1.1.0.184.1059.1j6.7.0...0.0...1ac.1.11.youtube.VApOGZ2jNVA
> > Thanks
> > Adrian.
> > VU3CFK
> >
> > --- In harris-radio@yahoogroups.com, Richard Johnson <killroy321@> wrote:
> > >
> > > It's a darn good radio but not available because its current and encrypted.
> > > The RF-5800HH is an export version and is available from Harris through a dealer for a bit more than 8 thousand dollars.
> > > Good luck
> > > Rich Johnson
> > >
> > > To: harris-radio@yahoogroups.com
> > > From: vu3cfk@
> > > Date: Sat, 8 Jun 2013 18:25:33 +0000
> > > Subject: [harris-radio] AN/PRC-152
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> > > Hello,
> > >
> > > I am searching for a good VHF/UHF Handheld and i found that this Harris AN/PRC-152 is a very good radio. Please let me know more about this radio and reviews and what is the cost and is it available online.
> > >
> > > Thanks
> > >
> > > Adrian.
> > >
> > > VU3CFK.
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1531. Harris P7300 System Model 700/800Mhz EDACS, and P25, Two Way Radio FOR SALE

Yahoo group: harris-radio
Date: 2013-06-20 22:07:43 UTC
From: trinitybjc
Topic: 1531 Message: 1531

Hello, I have for sale a Harris P7300 System Model 700/800Mhz P25, Professional Two Way Radio
TRKSYS#255, SYS#65535, CNVCH#65535, Per Ver 63.00.
Radio Features: 01, 04, 05, 06, 07, 08, 09, 10, 12, 23, 25, 26, 27, 33, and 39-P25 Trunking Radio
Radio Comes With the following: Antenna, Battery, Belt Clip, Cover Connector and
M/A-COM TRI-CHEM A/C Charger. Radio Is a 10 out 10 In Like New Condition.
Includes pre-programed 700/800Mhz EDACS Analog receive only Frequencies for PASCO, Hillsborough, Manatee County SO and FIRE, Tampa, and Clearwater City PD and Fire Frequencies.
AND YES! 700/800Mhz EDACS P25 receive only Frequencies for
POLK, Pinellas County SO, and City of St. Petersburg PD.

I AM ASKING $1,600.00 for this radio

1532. Harris HF RF PA board.

Yahoo group: harris-radio
Date: 2013-06-21 13:48:14 UTC
From: Sebastian
Topic: 1532 Message: 1532

Hi Guys

Thank you for let me join the group.
I was at Dayton this year and I got this RF PA board, after a little googleing I found this board was made by Harris.
Does anybody knows what equipment this board belong to.
and anybody has any info about.
I want to make a high power HF PA.
Thanks again.

Sebastian Fernandez
K4BAC

P.S.

I added the board pic as K4BAC RF PA board

1533. RE: [harris-radio] Harris HF RF PA board.

Yahoo group: harris-radio
Date: 2013-06-21 16:11:20 UTC
From: Roger Waldmiller
Topic: 1532 Message: 1533

Hi Sebastian:

GOOD Photo:

Almost looked like the Harris 5034 400 w Pa , BuT NO, not enough transistors.

WHAT IS THE NUMBERS IN THE WHITE LABEL?? This usually has the full bd part number and the mfg date run number.

From the full part number you can tell what series it is from IE:10181= the 5000 series

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Sebastian
Sent: Friday, June 21, 2013 9:48 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris HF RF PA board.

Hi Guys

Thank you for let me join the group.
I was at Dayton this year and I got this RF PA board, after a little googleing I found this board was made by Harris.
Does anybody knows what equipment this board belong to.
and anybody has any info about.
I want to make a high power HF PA.
Thanks again.

Sebastian Fernandez
K4BAC

P.S.

I added the board pic as K4BAC RF PA board

[Non-text portions of this message have been removed]

1534. RF-5034PA-400

Yahoo group: harris-radio
Date: 2013-06-21 16:39:41 UTC
From: vk5abc
Topic: 1534 Message: 1534

Hello All

Anyone with spares for the RF-5034PA-400 like the driver board and the filter board?

73's Lee.

1535. Re: [harris-radio] Harris HF RF PA board.

Yahoo group: harris-radio
Date: 2013-06-21 19:17:24 UTC
From: Sebastian Fernandez
Topic: 1532 Message: 1535

Thanks

Roger

I will post the full part number tonight.
Thanks again.

Sebastian
K4BAC

From: Roger Waldmiller <waldrgr@...>
To: harris-radio@yahoogroups.com
Sent: Friday, June 21, 2013 12:11 PM
Subject: RE: [harris-radio] Harris HF RF PA board.

Hi Sebastian:

GOOD Photo:

Almost looked like the Harris 5034 400 w Pa , BuT NO, not enough
transistors.

WHAT IS THE NUMBERS IN THE WHITE LABEL?? This usually has the full bd part
number and the mfg date run number.

From the full part number you can tell what series it is from IE:10181=
the 5000 series

Regards

Roger

Roger w

mailto:waldrgr%40rochester.rr.com

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: mailto:harris-radio%40yahoogroups.com [mailto:mailto:harris-radio%40yahoogroups.com]
On
Behalf Of Sebastian
Sent: Friday, June 21, 2013 9:48 AM

To: mailto:harris-radio%40yahoogroups.com
Subject: [harris-radio] Harris HF RF PA board.

Hi Guys

Thank you for let me join the group.
I was at Dayton this year and I got this RF PA board, after a little
googleing I found this board was made by Harris.
Does anybody knows what equipment this board belong to.
and anybody has any info about.
I want to make a high power HF PA.
Thanks again.

Sebastian Fernandez
K4BAC

P.S.

I added the board pic as K4BAC RF PA board

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1536. Re: Harris HF RF PA board.

Yahoo group: harris-radio
Date: 2013-06-22 14:02:33 UTC
From: FRANCIS CARCIA
Topic: 1532 Message: 1536

Hi All,
I am Frank WA1GFZ. I also have one of those Harris boards. I suspect it was from the 125 watt final.
That runs on 28VDC. Looking at the transformer 1:2 TLT and combiner design I suspect each stage output is 100 ohms. Then a balun into the combiner dropping to 50 ohms. Interesting feedback method with the little transformers at each gate and drain. The cores appear to be type 43. I didn't buy the parts that feed the DC to the finals and would like a picture of that. I bet if it runs MRF150 they are not working very hard and quite clean. Frank

[Non-text portions of this message have been removed]

1537. RE: [harris-radio] Re: Harris HF RF PA board.

Yahoo group: harris-radio
Date: 2013-06-22 15:41:26 UTC
From: Roger Waldmiller
Topic: 1532 Message: 1537

Hi Frank:

I doubt it is a 125 w either. I have all the 5000 Pa's 125, 400 prints and that bd is not one of them

As I mention before , the clue to what it is is on that white parts tag . That should give the part number of the bd , it might be also etched into pwb citcuit bd..

And if it is a Harris RF the mfg code 14304. There is another HARRIS CORP.. not the same

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of FRANCIS CARCIA
Sent: Saturday, June 22, 2013 10:03 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Harris HF RF PA board.

Hi All,
I am Frank WA1GFZ. I also have one of those Harris boards. I suspect it was from the 125 watt final.
That runs on 28VDC. Looking at the transformer 1:2 TLT and combiner design I suspect each stage output is 100 ohms. Then a balun into the combiner dropping to 50 ohms. Interesting feedback method with the little transformers at each gate and drain. The cores appear to be type 43. I didn't buy the parts that feed the DC to the finals and would like a picture of that. I bet if it runs MRF150 they are not working very hard and quite clean. Frank

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1538. Re: [harris-radio] Re: Harris HF RF PA board.

Yahoo group: harris-radio
Date: 2013-06-22 16:05:55 UTC
From: Sebastian Fernandez
Topic: 1532 Message: 1538

Good Morning Guys

The numbers in the tag and in the component side of the board are the following.
10446-1010-01
B0253W Rev M
and in the solder side.
10446-1019-01 Rev E
Thanks again.

Sebastian K4BAC

From: Roger Waldmiller <waldrgr@rochester.rr.com>
To: harris-radio@yahoogroups.com
Sent: Saturday, June 22, 2013 11:41 AM
Subject: RE: [harris-radio] Re: Harris HF RF PA board.

Hi Frank:

I doubt it is a 125 w either. I have all the 5000 Pa's 125, 400 prints and
that bd is not one of them

As I mention before , the clue to what it is is on that white parts tag .
That should give the part number of the bd , it might be also etched into
pwb citcuit bd..

And if it is a Harris RF the mfg code 14304. There is another HARRIS
CORP.. not the same

Regards

Roger

Roger w

mailto:waldrgr%40rochester.rr.com

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: mailto:harris-radio%40yahoogroups.com [mailto:mailto:harris-radio%40yahoogroups.com]
On
Behalf Of FRANCIS CARCIA
Sent: Saturday, June 22, 2013 10:03 AM

To: mailto:harris-radio%40yahoogroups.com
Subject: [harris-radio] Re: Harris HF RF PA board.

Hi All,
I am Frank WA1GFZ. I also have one of those Harris boards. I suspect it was from the 125 watt final.
That runs on 28VDC. Looking at the transformer 1:2 TLT and combiner design I suspect each stage output is 100 ohms. Then a balun into the combiner dropping to 50 ohms. Interesting feedback method with the little transformers at each gate and drain. The cores appear to be type 43. I didn't buy the parts that feed the DC to the finals and would like a picture of that. I bet if it runs MRF150 they are not working very hard and quite clean. Frank

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[Non-text portions of this message have been removed]

1539. RE: [harris-radio] Re: Harris HF RF PA board.

Yahoo group: harris-radio
Date: 2013-06-22 18:17:22 UTC
From: Roger Waldmiller
Topic: 1532 Message: 1539

Hi Sebastian:

Very Good

The number 10446-1010 is what number of the bd . I believe it is the PA bd for the RF350 transceiver.

There is a group I am checking with to see if it is

http://groups.yahoo.com/group/HarrisRF350K/

I will advise.

Regards

Roger

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Sebastian Fernandez
Sent: Saturday, June 22, 2013 12:06 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Harris HF RF PA board.

Good Morning Guys

The numbers in the tag and in the component side of the board are the following.
10446-1010-01
B0253W Rev M
and in the solder side.
10446-1019-01 Rev E
Thanks again.

Sebastian K4BAC

From: Roger Waldmiller <waldrgr@... <mailto:waldrgr%40rochester.rr.com> >
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Sent: Saturday, June 22, 2013 11:41 AM
Subject: RE: [harris-radio] Re: Harris HF RF PA board.

Hi Frank:

I doubt it is a 125 w either. I have all the 5000 Pa's 125, 400 prints and that bd is not one of them

As I mention before , the clue to what it is is on that white parts tag . That should give the part number of the bd , it might be also etched into pwb citcuit bd..

And if it is a Harris RF the mfg code 14304. There is another HARRIS
CORP.. not the same

Regards

Roger

Roger w

mailto:waldrgr%40rochester.rr.com

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: mailto:harris-radio%40yahoogroups.com [mailto:mailto:harris-radio%40yahoogroups.com]
On
Behalf Of FRANCIS CARCIA
Sent: Saturday, June 22, 2013 10:03 AM
To: mailto:harris-radio%40yahoogroups.com
Subject: [harris-radio] Re: Harris HF RF PA board.

Hi All,
I am Frank WA1GFZ. I also have one of those Harris boards. I suspect it was
from the 125 watt final.
That runs on 28VDC. Looking at the transformer 1:2 TLT and combiner design I
suspect each stage output is 100 ohms. Then a balun into the combiner
dropping to 50 ohms. Interesting feedback method with the little
transformers at each gate and drain. The cores appear to be type 43. I
didn't buy the parts that feed the DC to the finals and would like a picture
of that. I bet if it runs MRF150 they are not working very hard and quite
clean. Frank

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[Non-text portions of this message have been removed]

1540. RF HF PA

Yahoo group: harris-radio
Date: 2013-06-22 18:21:20 UTC
From: Sebastian
Topic: 1540 Message: 1540

Hi Group

I posted more photos of the RF PA board.
Thanks everyone.

Sebastian
K4BAC

1541. Re: [harris-radio] Re: Harris HF RF PA board.

Yahoo group: harris-radio
Date: 2013-06-22 18:23:13 UTC
From: Sebastian Fernandez
Topic: 1532 Message: 1541

Thank you Roger

I posted more photos today.
Thanks again.

Sebastian
K4BAC

From: Roger Waldmiller <waldrgr@...>
To: harris-radio@yahoogroups.com
Sent: Saturday, June 22, 2013 2:17 PM
Subject: RE: [harris-radio] Re: Harris HF RF PA board.

Hi Sebastian:

Very Good

The number 10446-1010 is what number of the bd . I believe it is the PA bd for the RF350 transceiver.

There is a group I am checking with to see if it is

http://groups.yahoo.com/group/HarrisRF350K/

I will advise.

Regards

Roger

From: mailto:harris-radio%40yahoogroups.com [mailto:mailto:harris-radio%40yahoogroups.com] On Behalf Of Sebastian Fernandez
Sent: Saturday, June 22, 2013 12:06 PM
To: mailto:harris-radio%40yahoogroups.com
Subject: Re: [harris-radio] Re: Harris HF RF PA board.

Good Morning Guys

The numbers in the tag and in the component side of the board are the following.
10446-1010-01
B0253W Rev M
and in the solder side.
10446-1019-01 Rev E
Thanks again.

Sebastian K4BAC

From: Roger Waldmiller <mailto:waldrgr%40rochester.rr.com
<mailto:waldrgr%40rochester.rr.com> >
To: mailto:harris-radio%40yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Sent: Saturday, June 22, 2013 11:41 AM
Subject: RE: [harris-radio] Re: Harris HF RF PA board.

Hi Frank:

I doubt it is a 125 w either. I have all the 5000 Pa's 125, 400 prints and
that bd is not one of them

As I mention before , the clue to what it is is on that white parts tag .
That should give the part number of the bd , it might be also etched into
pwb citcuit bd..

And if it is a Harris RF the mfg code 14304. There is another HARRIS
CORP.. not the same

Regards

Roger

Roger w

mailto:waldrgr%40rochester.rr.com

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: mailto:harris-radio%40yahoogroups.com [mailto:mailto:harris-radio%40yahoogroups.com]
On
Behalf Of FRANCIS CARCIA
Sent: Saturday, June 22, 2013 10:03 AM
To: mailto:harris-radio%40yahoogroups.com
Subject: [harris-radio] Re: Harris HF RF PA board.

Hi All,
I am Frank WA1GFZ. I also have one of those Harris boards. I suspect it was
from the 125 watt final.
That runs on 28VDC. Looking at the transformer 1:2 TLT and combiner design I
suspect each stage output is 100 ohms. Then a balun into the combiner
dropping to 50 ohms. Interesting feedback method with the little
transformers at each gate and drain. The cores appear to be type 43. I
didn't buy the parts that feed the DC to the finals and would like a picture
of that. I bet if it runs MRF150 they are not working very hard and quite
clean. Frank

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[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1542. prc 138 for sale.

Yahoo group: harris-radio
Date: 2013-06-23 02:56:15 UTC
From: lcraciun2007
Topic: 1542 Message: 1542

PRC 138 for sale

Comes with ale and hopping card.
Antenna,hand set,non original military radio case,batteries,data cable,audio spliter connector ,and a modem to work all digital modes psk etc.radio has new memory battery installed .
Possible to sell Panasonic tough book cf 29 in great shape with touch screen ,new extra battery etc.
The price for the radio is 5100.00
Price of laptop is $ 400.00
Thanks
Private email
Spirit.fl@...

1543. Re: RF HF PA

Yahoo group: harris-radio
Date: 2013-06-23 12:49:06 UTC
From: Dale Fravel
Topic: 1540 Message: 1543

It's not from RF-350,
RF-350's most part number start with 10085-xxxx
If I remember right that part is from the RF-1130 PA, it's one of 4 PA modules used in the RF-1130.

Eat Well - Laugh Often - Live Long

Enjoy each day as it comes, you never know.....

Dale

1544. RE: [harris-radio] Re: RF HF PA

Yahoo group: harris-radio
Date: 2013-06-23 16:11:54 UTC
From: Roger Waldmiller
Topic: 1540 Message: 1544

Hi Dale;

THX

I knew what it wasn't.!

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Dale Fravel
Sent: Sunday, June 23, 2013 8:49 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF HF PA

It's not from RF-350,
RF-350's most part number start with 10085-xxxx
If I remember right that part is from the RF-1130 PA, it's one of 4 PA modules used in the RF-1130.

Eat Well - Laugh Often - Live Long

Enjoy each day as it comes, you never know.....

Dale

[Non-text portions of this message have been removed]

1545. RE: [harris-radio] Re: Harris HF RF PA board.

Yahoo group: harris-radio
Date: 2013-06-23 16:25:55 UTC
From: Stuart
Topic: 1532 Message: 1545

It is not the PA board for the RF-350K as that board is PN 100085-8010

Stuart
N5LBZ
Outgoing E-Mail is certified virus-free by Avast Anti-Virus.

Only two defining forces have ever offered to die for you,
Jesus Christ and the American GI - One died for your soul
The other for your Freedom!!

PRAY FOR OBAMA!! READ PSALM 109.8

[Non-text portions of this message have been removed]

1546. Re: [harris-radio] RF-3090 power supply issue

Yahoo group: harris-radio
Date: 2013-06-24 16:01:25 UTC
From: John Watkins
Topic: 1528 Message: 1546

You might contact Jim Karlow, he may be able to repair it. Google can find his email address, and he is a member of this group. Does excellent work.

John WD5ENU

From: ernestlabaco <addle98712@...>
To: harris-radio@yahoogroups.com
Sent: Saturday, June 15, 2013 4:08 PM
Subject: [harris-radio] RF-3090 power supply issue

It appears that I have a bad power supply A04 board. I would appreciate if someone that has knowledge of these radios to contact me please.

Regards,

Ernie

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

[Non-text portions of this message have been removed]

1547. Re: RF-3090 power supply issue

Yahoo group: harris-radio
Date: 2013-06-24 17:20:46 UTC
From: murphyjunk
Topic: 1528 Message: 1547

http://murphyjunk.bizland.com/imagelib/sitebuilder/misc/show_image.html?linkedwidth=actual&linkpath=http://murphyjunk.bizland.com/sitebuildercontent/sitebuilderpictures/2140PS.jpg&target=_self&title=CUBIC%20POWER%20SUPPLY%20MODULE%20%20%20%20$39%20EA.

--- In harris-radio@yahoogroups.com, John Watkins <jpwatkins9@...> wrote:
>
> You might contact Jim Karlow, he may be able to repair it. Google can find his email address, and he is a member of this group. Does excellent work.
>
> John WD5ENU
>
>
> _____
> From: ernestlabaco <addle98712@...>
> To: harris-radio@yahoogroups.com
> Sent: Saturday, June 15, 2013 4:08 PM
> Subject: [harris-radio] RF-3090 power supply issue
>
>
> It appears that I have a bad power supply A04 board. I would appreciate if someone that has knowledge of these radios to contact me please.
>
> Regards,
>
> Ernie
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
> [Non-text portions of this message have been removed]
>

1548. Re: [harris-radio] Re: RF-3090 power supply issue

Yahoo group: harris-radio
Date: 2013-06-24 18:18:46 UTC
From: John Watkins
Topic: 1528 Message: 1548

Mike,

Will this work in the Harris RF-3090? If so, I could use one. Is the price $39?

Thanks,

John WD5ENU

From: murphyjunk <mmurphys@...>
To: harris-radio@yahoogroups.com
Sent: Monday, June 24, 2013 12:20 PM
Subject: [harris-radio] Re: RF-3090 power supply issue

http://murphyjunk.bizland.com/imagelib/sitebuilder/misc/show_image.html?linkedwidth=actual&linkpath=http://murphyjunk.bizland.com/sitebuildercontent/sitebuilderpictures/2140PS.jpg&target=_self&title=CUBIC%20POWER%20SUPPLY%20MODULE%20%20%20%20$39%20EA.

--- In harris-radio@yahoogroups.com, John Watkins <jpwatkins9@...> wrote:
>
> You might contact Jim Karlow, he may be able to repair it. Google can find his email address, and he is a member of this group. Does excellent work.
>
> John WD5ENU
>
>
> ---
> From: ernestlabaco <addle98712@...>
> To: harris-radio@yahoogroups.com
> Sent: Saturday, June 15, 2013 4:08 PM
> Subject: [harris-radio] RF-3090 power supply issue
>
>
> It appears that I have a bad power supply A04 board. I would appreciate if someone that has knowledge of these radios to contact me please.
>
> Regards,
>
> Ernie
>
>
>
> ---
>
> This Group Brought to you by 2mypc
>

> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>
>
>
> [Non-text portions of this message have been removed]
>

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

[Non-text portions of this message have been removed]

1549. Re: RF-3090 power supply issue

Yahoo group: harris-radio
Date: 2013-06-24 19:00:12 UTC
From: murphyjunk
Topic: 1528 Message: 1549

. Is the price $39? yes

Than

John

I Think it should, (sold several already) check to see if the part number is the same as on yours

--- In harris-radio@yahoogroups.com, John Watkins <jpwatkins9@...> wrote:
>
> Mike,
>
> Will this work in the Harris RF-3090? If so, I could use one. Is the price $39?
>
> Thanks,
>
> John WD5ENU
>
>
> _____
> From: murphyjunk <mmurphys@...>
> To: harris-radio@yahoogroups.com
> Sent: Monday, June 24, 2013 12:20 PM
> Subject: [harris-radio] Re: RF-3090 power supply issue
>
>
> http://murphyjunk.bizland.com/imagelib/sitebuilder/misc/show_image.html?linkedwidth=actual&linkpath=http://murphyjunk.bizland.com/sitebuildercontent/sitebuilderpictures/2140PS.jpg&target=_self&title=CUBIC%20POWER%20SUPPLY%20MODULE%20%20%20%20$39%20EA.
>
>
>
> --- In harris-radio@yahoogroups.com, John Watkins <jpwatkins9@> wrote:
> >
> > You might contact Jim Karlow, he may be able to repair it. Google can find his email address, and he is a member of this group. Does excellent work.
> >
> > John WD5ENU
> >
> >
> > _____
> > From: ernestlabaco <addle98712@>
> > To: harris-radio@yahoogroups.com
> > Sent: Saturday, June 15, 2013 4:08 PM
> > Subject: [harris-radio] RF-3090 power supply issue

> >
> >
> > It appears that I have a bad power supply A04 board. I would appreciate if someone that has knowledge of these radios to contact me please.
> >
> > Regards,
> >
> > Ernie
> >
> >
> >
> > ------------------------------------
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?
> > Do you need a domain name and don't want to pay a lot for it?
> > Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
> >
> > www.2mypc.netYahoo! Groups Links
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
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>
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> www.2mypc.netYahoo! Groups Links
>
>
>
> [Non-text portions of this message have been removed]
>

1550. Re: [harris-radio] Re: RF-3090 power supply issue

Yahoo group: harris-radio
Date: 2013-06-24 19:44:50 UTC
From: John Watkins
Topic: 1528 Message: 1550

Mike,

Would like to order one, do you still take paypal?

Thanks,

John

From: murphyjunk <mmurphys@sbcglobal.net>
To: harris-radio@yahoogroups.com
Sent: Monday, June 24, 2013 2:00 PM
Subject: [harris-radio] Re: RF-3090 power supply issue

. Is the price $39? yes

Than

John

I Think it should, (sold several already) check to see if the part number is the same as on yours

--- In harris-radio@yahoogroups.com, John Watkins <jpwatkins9@...> wrote:
>
> Mike,
>
> Will this work in the Harris RF-3090? If so, I could use one. Is the price $39?
>
> Thanks,
>
> John WD5ENU
>
>
> ---
> From: murphyjunk <mmurphys@...>
> To: harris-radio@yahoogroups.com
> Sent: Monday, June 24, 2013 12:20 PM
> Subject: [harris-radio] Re: RF-3090 power supply issue
>
>
> http://murphyjunk.bizland.com/imagelib/sitebuilder/misc/show_image.html?linkedwidth=actual&linkpath=http://murphyjunk.bizland.com/sitebuildercontent/sitebuilderpictures/2140PS.jpg&target=_self&title=CUBIC%20POWER%20SUPPLY%20MODULE%20%20%20%20$39%20EA.
>
>
>

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> > You might contact Jim Karlow, he may be able to repair it. Google can find his email address, and he is a member of this group. Does excellent work.
> >
> > John WD5ENU
> >
> >
> > _____
> > From: ernestlabaco <addle98712@>
> > To: harris-radio@yahoogroups.com
> > Sent: Saturday, June 15, 2013 4:08 PM
> > Subject: [harris-radio] RF-3090 power supply issue
> >
> >
> > It appears that I have a bad power supply A04 board. I would appreciate if someone that has knowledge of these radios to contact me please.
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> > Regards,
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> >
> >
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> >
> >
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> www.2mypc.netYahoo! Groups Links
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>
>
> [Non-text portions of this message have been removed]
>

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Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

[Non-text portions of this message have been removed]

1551. Re: RF-3090 power supply issue

Yahoo group: harris-radio
Date: 2013-06-24 19:52:01 UTC
From: murphyjunk
Topic: 1528 Message: 1551

John

contact me by email murphy@...

mike

--- In harris-radio@yahoogroups.com, John Watkins <jpwatkins9@...> wrote:
>
> Mike,
>
> Would like to order one, do you still take paypal?
>
> Thanks,
>
> John
>
>
> _____
> From: murphyjunk <mmurphys@...>
> To: harris-radio@yahoogroups.com
> Sent: Monday, June 24, 2013 2:00 PM
> Subject: [harris-radio] Re: RF-3090 power supply issue
>
>
>
> . Is the price $39? yes
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> Than
>
> John
>
>
> I Think it should, (sold several already) check to see if the part number is the same as on yours
>
>
> --- In harris-radio@yahoogroups.com, John Watkins <jpwatkins9@> wrote:
> >
> > Mike,
> >
> > Will this work in the Harris RF-3090? If so, I could use one. Is the price $39?
> >
> > Thanks,
> >
> > John WD5ENU
> >

> >
> > _____
> > From: murphyjunk <mmurphys@>
> > To: harris-radio@yahoogroups.com
> > Sent: Monday, June 24, 2013 12:20 PM
> > Subject: [harris-radio] Re: RF-3090 power supply issue
> >
> >
> > http://murphyjunk.bizland.com/imagelib/sitebuilder/misc/show_image.html?linkedwidth=actual&linkpath=http://murphyjunk.bizland.com/sitebuildercontent/sitebuilderpictures/2140PS.jpg&target=_self&title=CUBIC%20POWER%20SUPPLY%20MODULE%20%20%20%20$39%20EA.
> >
> >
> >
> > --- In harris-radio@yahoogroups.com, John Watkins <jpwatkins9@> wrote:
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> > > You might contact Jim Karlow, he may be able to repair it. Google can find his email address, and he is a member of this group. Does excellent work.
> > >
> > > John WD5ENU
> > >
> > >
> > > _____
> > > From: ernestlabaco <addle98712@>
> > > To: harris-radio@yahoogroups.com
> > > Sent: Saturday, June 15, 2013 4:08 PM
> > > Subject: [harris-radio] RF-3090 power supply issue
> > >
> > >
> > > It appears that I have a bad power supply A04 board. I would appreciate if someone that has knowledge of these radios to contact me please.
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> > > Regards,
> > >
> > > Ernie
> > >
> > >
> > >
> > > ------------------------------------
> > >
> > > This Group Brought to you by 2mypc
> > >
> > > Are you with an ISP that gives you a dynamic IP?
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> > >
> > > www.2mypc.netYahoo! Groups Links
> > >
> > >

> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
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> >
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>
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>
> www.2mypc.netYahoo! Groups Links
>
>
>
> [Non-text portions of this message have been removed]
>

1552. Re: RF-3090 power supply issue

Yahoo group: harris-radio
Date: 2013-06-25 13:35:31 UTC
From: Mike
Topic: 1528 Message: 1552

The power supply in the link is not for the Harris Rf-3090 or 117 series, is the link correct?
Mike

--- In harris-radio@yahoogroups.com, "murphyjunk" <mmurphys@...> wrote:
>
>
> . Is the price $39? yes
>
> Than
>
> John
>
>
> I Think it should, (sold several already) check to see if the part number is the same as on yours
>
>
> --- In harris-radio@yahoogroups.com, John Watkins <jpwatkins9@> wrote:
> >
> > Mike,
> >
> > Will this work in the Harris RF-3090? If so, I could use one. Is the price $39?
> >
> > Thanks,
> >
> > John WD5ENU
> >
> >
> > _____
> > From: murphyjunk <mmurphys@>
> > To: harris-radio@yahoogroups.com
> > Sent: Monday, June 24, 2013 12:20 PM
> > Subject: [harris-radio] Re: RF-3090 power supply issue
> >
> >
> > http://murphyjunk.bizland.com/imagelib/sitebuilder/misc/show_image.html?linkedwidth=actual&linkpath=http://murphyjunk.bizland.com/sitebuildercontent/sitebuilderpictures/2140PS.jpg&target=_self&title=CUBIC%20POWER%20SUPPLY%20MODULE%20%20%20%20$39%20EA.
> >
> >
> >
> > --- In harris-radio@yahoogroups.com, John Watkins <jpwatkins9@> wrote:
> > >
> > > You might contact Jim Karlow, he may be able to repair it. Google can find his email

address, and he is a member of this group. Does excellent work.
> > >
> > > John WD5ENU
> > >
> > >
> > > _____
> > > From: ernestlabaco <addle98712@>
> > > To: harris-radio@yahoogroups.com
> > > Sent: Saturday, June 15, 2013 4:08 PM
> > > Subject: [harris-radio] RF-3090 power supply issue
> > >
> > >
> > > It appears that I have a bad power supply A04 board. I would appreciate if someone that has knowledge of these radios to contact me please.
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> > > Ernie
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> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
> >
> >
> >
> > ------------------------------------
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> >
> > www.2mypc.netYahoo! Groups Links
> >

> >
> >
> > [Non-text portions of this message have been removed]
> >
>

1553. Re: RF-3090 power supply issue

Yahoo group: harris-radio
Date: 2013-06-25 13:45:25 UTC
From: murphyjunk
Topic: 1528 Message: 1553

My mistake, I was thinking Cubic 3090

mike

--- In harris-radio@yahoogroups.com, "Mike" <prcradio@...> wrote:
>
> The power supply in the link is not for the Harris Rf-3090 or 117 series, is the link correct?
> Mike
>
> --- In harris-radio@yahoogroups.com, "murphyjunk" <mmurphys@> wrote:
> >
> >
> > . Is the price $39? yes
> >
> > Than
> >
> > John
> >
> >
> > I Think it should, (sold several already) check to see if the part number is the same as on yours
> >
> >
> > --- In harris-radio@yahoogroups.com, John Watkins <jpwatkins9@> wrote:
> > >
> > > Mike,
> > >
> > > Will this work in the Harris RF-3090? If so, I could use one. Is the price $39?
> > >
> > > Thanks,
> > >
> > > John WD5ENU
> > >
> > >
> > > _____
> > > From: murphyjunk <mmurphys@>
> > > To: harris-radio@yahoogroups.com
> > > Sent: Monday, June 24, 2013 12:20 PM
> > > Subject: [harris-radio] Re: RF-3090 power supply issue
> > >
> > >
> > > http://murphyjunk.bizland.com/imagelib/sitebuilder/misc/show_image.html?linkedwidth=actual&linkpath=http://murphyjunk.bizland.com/sitebuildercontent/sitebuilderpictures/2140PS.jpg&target=_self&title=CUBIC%20POWER%20SUPPLY%20MODULE%20%20%20%20$39%20EA.

> > >
> > >
> > >
> > > --- In harris-radio@yahoogroups.com, John Watkins <jpwatkins9@> wrote:
> > > >
> > > > You might contact Jim Karlow, he may be able to repair it. Google can find his email address, and he is a member of this group. Does excellent work.
> > > >
> > > > John WD5ENU
> > > >
> > > >
> > > > _____
> > > > From: ernestlabaco <addle98712@>
> > > > To: harris-radio@yahoogroups.com
> > > > Sent: Saturday, June 15, 2013 4:08 PM
> > > > Subject: [harris-radio] RF-3090 power supply issue
> > > >
> > > >
> > > > It appears that I have a bad power supply A04 board. I would appreciate if someone that has knowledge of these radios to contact me please.
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> > > >
> > > >
> > > >
> > > > ------------------------------------
> > > >
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> > > > Are you with an ISP that gives you a dynamic IP?
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> > > > www.2mypc.netYahoo! Groups Links
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been removed]
> > > >
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> > >
> > >
> > >
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> > >
> > > This Group Brought to you by 2mypc
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> > > www.2mypc.netYahoo! Groups Links
> > >
> > >
> > >
> > > [Non-text portions of this message have been removed]
> > >
> >
>

1554. RE: [harris-radio] Re: RF-3090 power supply issue

Yahoo group: harris-radio
Date: 2013-06-25 14:04:56 UTC
From: Francesco Ledda
Topic: 1528 Message: 1554

Hi Mike,

I am interested in the cubic power supply.

Francesco

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Mike
Sent: Tuesday, June 25, 2013 8:36 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-3090 power supply issue

The power supply in the link is not for the Harris Rf-3090 or 117 series, is the link correct?
Mike

--- In harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
, "murphyjunk" <mmurphys@...> wrote:
>
>
> . Is the price $39? yes
>
> Than
>
> John
>
>
> I Think it should, (sold several already) check to see if the part number is the same as on yours
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> --- In harris-radio@yahoogroups.com
<mailto:harris-radio%40yahoogroups.com> , John Watkins <jpwatkins9@> wrote:
> >
> > Mike,
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> > Will this work in the Harris RF-3090? If so, I could use one. Is the price $39?
> >
> > Thanks,
> >
> > John WD5ENU
> >
> >
> > _____
> > From: murphyjunk <mmurphys@>

> > To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>

> > Sent: Monday, June 24, 2013 12:20 PM
> > Subject: [harris-radio] Re: RF-3090 power supply issue
> >
> >
> >
http://murphyjunk.bizland.com/imagelib/sitebuilder/misc/show_image.html?linkedwidth=actual
<http://murphyjunk.bizland.com/imagelib/sitebuilder/misc/show_image.html?linkedwidth=actual&linkpath=http://murphyjunk.bizland.com/sitebuildercontent/sitebuilderpictures/2140PS.jpg&target=_self&title=CUBIC%20POWER%20SUPPLY%20MODULE%20%20%20%20$39%20EA.>
&linkpath=http://murphyjunk.bizland.com/sitebuildercontent/sitebuilderpictures/2140PS.jpg&target=_self&title=CUBIC%20POWER%20SUPPLY%20MODULE%20%20%20%20$39%20EA.
> >
> >
> >
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> > >
> > > John WD5ENU
> > >
> > >
> > > _____
> > > From: ernestlabaco <addle98712@>
> > > To: harris-radio@yahoogroups.com
<mailto:harris-radio%40yahoogroups.com>
> > > Sent: Saturday, June 15, 2013 4:08 PM
> > > Subject: [harris-radio] RF-3090 power supply issue
> > >
> > >
> > > It appears that I have a bad power supply A04 board. I would appreciate if someone that has knowledge of these radios to contact me please.
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> > >
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> >
> > ----------
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> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

[Non-text portions of this message have been removed]

1555. M7200 - anyone work on these radios

Yahoo group: harris-radio
Date: 2013-07-05 17:03:01 UTC
From: k1vty
Topic: 1555 Message: 1555

Looking for someone that has some knowledge on interfacing to one of these radios using the accessory connector. Primarily trying to use an external mic, PTT and RX audio out.

Jim

1556. Dave Springer Hi!

Yahoo group: harris-radio
Date: 2013-07-17 14:51:16 UTC
From: Dave Springer
Topic: 1556 Message: 1556

from Dave Springer mie http://embedologist.in/unv/tezey jgkma How are you getting on?

Sent from Yahoo! Mail for iPhone [Non-text portions of this message have been removed]

1557. Re: Dave Springer Hi!

Yahoo group: harris-radio
Date: 2013-07-20 10:01:53 UTC
From: k1vty
Topic: 1556 Message: 1557

Some people never learn not to click on an unknown link. As a result, the spam has got you. Best you change your password before doing anything else. --- In harris-radio@yahoogroups.com, Dave Springer wrote: > > from Dave Springer > mie http://embedologist.in/unv/tezey jgkma > How are you getting on? >

Sent from Yahoo! Mail for iPhone > > [Non-text portions of this message have been removed] >

1558. harris rf5800h gps compatable software

Yahoo group: harris-radio
Date: 2013-07-29 00:06:36 UTC
From: eng tahseen alshqairat
Topic: 1558 Message: 1558

does any one know any kind of harris rf5800h gps compatable software?
please help

1559. WTB Harris RF-3200

Yahoo group: harris-radio
Date: 2013-08-02 17:06:02 UTC
From: rtmrtmrtmrtm
Topic: 1559 Message: 1559

I'm looking to buy a Harris RF-3200 or RF-3200E in good operating condition. Please let me know if you have one you'd consider selling.

Thank you,
Robert, AB1HL

1560. Re: PRC-138 Fault: A8-F71 Help

Yahoo group: harris-radio
Date: 2013-08-03 07:29:45 UTC
From: guentsi2002
Topic: 1427 Message: 1560

Hello Dud,
can you please send my the service manual i have an upload sit for you.

73 de OE1VRC Guenter

--- In harris-radio@yahoogroups.com, "D. Emer" <dfemer@...> wrote:
>
> Brooke,
> Turn the internal tuner off and try it into a 50 ohm load.
> Try it at high and low power.
> Open it up and reseat the boards.
> I have the service manual for the 138 I can send to you but its 175 megs. Do
> you have a upload site I can use?
> Dud
> KK7IF
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
> Behalf Of Brooke Clarke
> Sent: Friday, March 15, 2013 8:08 AM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] PRC-138 Fault: A8-F71 Help
>
> Hi:
>
> I'm getting fault F51 then F71 which is in A8 the RF Power Amp and/or
> Harmonic Filters.
> http://www.prc68.com/I/PRC138.html#Bite1
>
> By connecting the radio output to a power meter and dummy load I am seeing
> tuning fault errors, so think the problem is
> in the radio rather than my antenna.
>
> Is there a known cause for this problem?
>
> --
> Have Fun,
>
> Brooke Clarke, N6GCE
> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
>
>
>
> ------------------------------------

>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
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> Does your IP change every day or even every hour? and you need a way to get
> to you PC from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>

1561. PRC-138 fails bite test.

Yahoo group: harris-radio
Date: 2013-08-04 21:55:44 UTC
From: Matthew
Topic: 1561 Message: 1561

Good afternoon,
I have a prc-138 that fails the bite test, module A05 fault F11. Thats the receiver exiter board. That as much as I can find. The radio tunes up and puts out the correct power, I looked at the module, it looks good and its also seated correctly. Anybody have any ideas. Thanks a million for your time.

Matt
KL2IC

1562. PRC-117 / AM-7256 Info

Yahoo group: harris-radio
Date: 2013-08-05 00:21:34 UTC
From: kw1i
Topic: 1562 Message: 1562

Just acquired a AM-7256 to hopefully boost my vehicle mounted PRC-77 51 mhz signal to 50 watts.

I need to find a manual/schematic for the amp, or at least the wiring diagram for the 12 pin connector. Alternatively, the wiring diagram for the accessory connector on the PRC-117 would be helpful.

Thanks,

Dale
KW1I

1563. RE: [harris-radio] PRC-138 fails bite test.

Yahoo group: harris-radio
Date: 2013-08-05 02:25:30 UTC
From: W2HX
Topic: 1561 Message: 1563

The manual seems to indicate fault 11 is "Exciter Output Too Low" Does this happen after the radio has warmed up or only when cold? I wonder if it could be that the internal reference is off frequency and causing problems when cold?

If you need the A5 section of the manual, let me know I'll send it to you. It has much info on aligning and correcting output level issues

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Matthew
Sent: Sunday, August 04, 2013 5:56 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] PRC-138 fails bite test.

Good afternoon,
I have a prc-138 that fails the bite test, module A05 fault F11. Thats the receiver exiter board. That as much as I can find. The radio tunes up and puts out the correct power, I looked at the module, it looks good and its also seated correctly. Anybody have any ideas. Thanks a million for your time.

Matt
KL2IC

[Non-text portions of this message have been removed]

1564. Re: PRC-138 fails bite test.

Yahoo group: harris-radio
Date: 2013-08-05 11:13:30 UTC
From: djinni442
Topic: 1561 Message: 1564

I had this exact fault happen to me with one of my radios. There could be a few things going on. In my case, I eventually found it was mechanically intermittent. I was watching the exciter output on an o-scope and could see the output jump 3db as I tapped the board with a pen. Root cause was a bad solder joint which I beleive was on the crystal filter. Other potential spots could be the mixer, one of the gain stages is failing or even low power from the synthesizer. Hard to say without actually troubleshooting the transmit chain.

My thought is that if you have the equipment and know-how, it may be worth digging into, however these arn't cheap radios, and you always do have the risk of messing it up further.

--- In harris-radio@yahoogroups.com, "W2HX" <w2hx@...> wrote:
>
> The manual seems to indicate fault 11 is "Exciter Output Too Low" Does this happen after the radio has warmed up or only when cold? I wonder if it could be that the internal reference is off frequency and causing problems when cold?
>
> If you need the A5 section of the manual, let me know I'll send it to you. It has much info on aligning and correcting output level issues
>
>
> 73 Eugene W2HX
>
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Matthew
> Sent: Sunday, August 04, 2013 5:56 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] PRC-138 fails bite test.
>
>
>
> Good afternoon,
> I have a prc-138 that fails the bite test, module A05 fault F11. Thats the receiver exiter board. That as much as I can find. The radio tunes up and puts out the correct power, I looked at the module, it looks good and its also seated correctly. Anybody have any ideas. Thanks a million for your time.
>
> Matt
> KL2IC
>
>
>
> [Non-text portions of this message have been removed]
>

1565. Re: PRC-138 fails bite test.

Yahoo group: harris-radio
Date: 2013-08-05 11:18:46 UTC
From: Matthew
Topic: 1561 Message: 1565

Eugene,
If you can send me the the a5 section of the manual it would be much appreciated. That one looks like fun to work on with the soldered metal shielding around it.

73
matt
KL2IZc

--- In harris-radio@yahoogroups.com, "W2HX" <w2hx@...> wrote:
>
> The manual seems to indicate fault 11 is "Exciter Output Too Low" Does this happen after the radio has warmed up or only when cold? I wonder if it could be that the internal reference is off frequency and causing problems when cold?
>
> If you need the A5 section of the manual, let me know I'll send it to you. It has much info on aligning and correcting output level issues
>
>
> 73 Eugene W2HX
>
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Matthew
> Sent: Sunday, August 04, 2013 5:56 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] PRC-138 fails bite test.
>
>
>
> Good afternoon,
> I have a prc-138 that fails the bite test, module A05 fault F11. Thats the receiver exiter board. That as much as I can find. The radio tunes up and puts out the correct power, I looked at the module, it looks good and its also seated correctly. Anybody have any ideas. Thanks a million for your time.
>
> Matt
> KL2IC
>
>
>
> [Non-text portions of this message have been removed]
>

1566. RF3200 password problem

Yahoo group: harris-radio
Date: 2013-08-06 14:24:26 UTC
From: iapizloj
Topic: 1566 Message: 1566

Folks,
the password on my RF3200 (SN 682) does not work. It works fine, with full power and, even, the automatic coupler does work too.
After reading the Group messages, I thought that the SRAM backup battery was dead and needed replacement.
After getting one, I have replaced the SRAM and, as expected, after the electronic version (120F) the new serial number is 1.
But the default password 427748 does not work and the dreaded pee-poh sound sounds whenever I try.
Any hints? Should I check the jumpers on the A7 board?
Thanks for your information.
jon, ea2sn

1567. RE: [harris-radio] RF3200 password problem

Yahoo group: harris-radio
Date: 2013-08-06 16:12:07 UTC
From: Roger Waldmiller
Topic: 1566 Message: 1567

Hello Jon EA2SN:

With the f/w up to and including 120F , the password formula was unknown except for Harris engineering, so a printed list was made , even for Harris service personnel.

Contact me directly and I can help you.

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of iapizloj
Sent: Tuesday, August 06, 2013 10:24 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF3200 password problem

Folks,
the password on my RF3200 (SN 682) does not work. It works fine, with full power and, even, the automatic coupler does work too.
After reading the Group messages, I thought that the SRAM backup battery was dead and needed replacement.
After getting one, I have replaced the SRAM and, as expected, after the electronic version (120F) the new serial number is 1.
But the default password 427748 does not work and the dreaded pee-poh sound sounds whenever I try.
Any hints? Should I check the jumpers on the A7 board?
Thanks for your information.
jon, ea2sn

[Non-text portions of this message have been removed]

1568. Re: PRC-138 fails bite test.

Yahoo group: harris-radio
Date: 2013-08-12 00:50:27 UTC
From: Matthew
Topic: 1561 Message: 1568

Group,
Good evening. Well I swapped the A5 card out with the one from my other radio, still same fault. Both A5 modules work in the other radio. So that makes it interesting. So much for the test.
The other radio, it passes the bite test. I put it on a comms tester to check it out. the radio puts out 22 watts on cw in the hf side. 0hz deviation. On ssb its showing 2khz deviation. And no matter what mic I use it only gets to about 2 watts out max, normal talking about 700mw.
I guess both of these things are going to require a bunch of work. Firs I need to find a set of manuals. I have access to pretty good comms testing gear with decent people to help with them. Sorry for being long winded.

Matt
KL2IC

--- In harris-radio@yahoogroups.com, "Matthew" <kaiser_1968_m715@...> wrote:
>
>
> Eugene,
> If you can send me the the a5 section of the manual it would be much appreciated. That one looks like fun to work on with the soldered metal shielding around it.
>
> 73
> matt
> KL2IZc
>
>
> --- In harris-radio@...m, "W2HX" <w2hx@> wrote:
> >
> > The manual seems to indicate fault 11 is "Exciter Output Too Low" Does this happen after the radio has warmed up or only when cold? I wonder if it could be that the internal reference is off frequency and causing problems when cold?
> >
> > If you need the A5 section of the manual, let me know I'll send it to you. It has much info on aligning and correcting output level issues
> >
> >
> > 73 Eugene W2HX
> >
> >
> > From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Matthew
> > Sent: Sunday, August 04, 2013 5:56 PM
> > To: harris-radio@yahoogroups.com
> > Subject: [harris-radio] PRC-138 fails bite test.

> >
> >
> >
> > Good afternoon,
> > I have a prc-138 that fails the bite test, module A05 fault F11. Thats the receiver exiter board. That as much as I can find. The radio tunes up and puts out the correct power, I looked at the module, it looks good and its also seated correctly. Anybody have any ideas. Thanks a million for your time.
> >
> > Matt
> > KL2IC
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
>

1569. RE: [harris-radio] Re: PRC-138 fails bite test.

Yahoo group: harris-radio
Date: 2013-08-12 23:51:07 UTC
From: Roger Waldmiller
Topic: 1561 Message: 1569

Hello Matt KL2IC

You might try exchanging the whole A8 module . If it clears then swap the individual bds on the A8 , PA and Harm filter.

Any A5 faults could be any one of A5, A8a1, A8a2, and sometimes A6.

By the way A6 does have the FM modulation deviation adjustment on its bds. AM and ssb there are no adjustments, just circuitry . Maybe you have a n A6 problem.

I do have 138 service manual.

If you like contact me

waldrgr@...

Regards

Roger

Roger w

k4alphapapa

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Matthew
Sent: Sunday, August 11, 2013 8:50 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: PRC-138 fails bite test.

Group,
Good evening. Well I swapped the A5 card out with the one from my other radio, still same fault. Both A5 modules work in the other radio. So that makes it interesting. So much for the test.
The other radio, it passes the bite test. I put it on a comms tester to check it out. the radio puts out 22 watts on cw in the hf side. 0hz deviation. On ssb its showing 2khz deviation. And no matter what mic I use it only gets to about 2 watts out max, normal talking about 700mw.
I guess both of these things are going to require a bunch of work. Firs I need to find a set of manuals. I have access to pretty good comms testing gear with decent people to help with them. Sorry for being long winded.

Matt
KL2IC

--- In harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>, "Matthew" <kaiser_1968_m715@...> wrote:

>
>
> Eugene,
> If you can send me the the a5 section of the manual it would be much appreciated. That one looks like fun to work on with the soldered metal shielding around it.
>
> 73
> matt
> KL2IZc
>
>
> --- In harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com> , "W2HX" <w2hx@> wrote:
> >
> > The manual seems to indicate fault 11 is "Exciter Output Too Low" Does this happen after the radio has warmed up or only when cold? I wonder if it could be that the internal reference is off frequency and causing problems when cold?
> >
> > If you need the A5 section of the manual, let me know I'll send it to you. It has much info on aligning and correcting output level issues
> >
> >
> > 73 Eugene W2HX
> >
> >
> > From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com> [mailto:harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>] On Behalf Of Matthew
> > Sent: Sunday, August 04, 2013 5:56 PM
> > To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>

> > Subject: [harris-radio] PRC-138 fails bite test.
> >
> >
> >
> > Good afternoon,
> > I have a prc-138 that fails the bite test, module A05 fault F11. Thats the receiver exiter board. That as much as I can find. The radio tunes up and puts out the correct power, I looked at the module, it looks good and its also seated correctly. Anybody have any ideas. Thanks a million for your time.
> >
> > Matt
> > KL2IC
> >
> >
> >

> > [Non-text portions of this message have been removed]
> >
>

[Non-text portions of this message have been removed]

1570. Re: PRC-138 fails bite test.

Yahoo group: harris-radio
Date: 2013-08-17 01:39:15 UTC
From: Matthew
Topic: 1561 Message: 1570

It is the A8 card, the one with the battery connectors. Visually it looks good on top, but I have to take it off the mount to see the bottom.
Parts seem to be impossible to find for these, hopefully some can be found.

1571. RE: [harris-radio] Re: PRC-138 fails bite test.

Yahoo group: harris-radio
Date: 2013-08-17 14:23:14 UTC
From: Roger Waldmiller
Topic: 1561 Message: 1571

Good Morning Matt:

Good

There are 2 bds to the A8 assy -2130 pa bd and the -2140 bd LPF

Did you separate/exchange the LPF bd -2140 on that A8 assem? To verify it was the -2130 bd and not the LPF -2140 bd ??

According to my receipt for the USPO the Cd should arrive today .

Attached are some pic's of the A8 I mentioned were wrong in the manual .

Note : You can work around the A8 without the LPF. You will need the proper cable cables to do this .

I am suspecting power problem or an LPF problem .. The SWSR monitor cktry are on the LPF.

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Matthew
Sent: Friday, August 16, 2013 9:39 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: PRC-138 fails bite test.

It is the A8 card, the one with the battery connectors. Visually it looks good on top, but I have to take it off the mount to see the bottom.
Parts seem to be impossible to find for these, hopefully some can be found.

[Non-text portions of this message have been removed]

1572. Manual for Harris RF 550

Yahoo group: harris-radio
Date: 2013-08-22 13:45:03 UTC
From: Leif Funder
Topic: 1572 Message: 1572

The manual for Harris RF 550 (289 Mb) can be reached on below link for a few days.

https://dl.dropboxusercontent.com/u/2796313/Harris%20Radio%20Manual.pdf

Leif

1573. RF-5800M HH030, Falcon II

Yahoo group: harris-radio
Date: 2013-08-26 23:26:52 UTC
From: mjulianma
Topic: 1573 Message: 1573

Hi,

I just purchased once of these and would like any information or technical advice from those in the know. From past messages, this seems to be the export version of the AN/PRC-152. I have been able to manually program the radio, but any advice as to how to use a computer would be greatly appreciated. There seems to be a way to turn on the radio and have it re-program its memory to default values -- I have inadvertently done his and would like to avoid it in the future. Again, any help whatsoever greatly appreciated.

Thans,

Marcus

1574. Re: Manual for Harris RF 550 - a great big thanks

Yahoo group: harris-radio
Date: 2013-08-27 13:48:20 UTC
From: cr_anton
Topic: 1572 Message: 1574

Leif I'd like to say thanks so very much for sharing this manual. Having access to this detailed information is so very critical to keeping these excellent (albeit a bit vintage) radios operational.

cheers
Chris
VE7TOP

--- In harris-radio@yahoogroups.com, "Leif Funder" <ldf@...> wrote:
>
> The manual for Harris RF 550 (289 Mb) can be reached on below link for a few days.
>
> https://dl.dropboxusercontent.com/u/2796313/Harris%20Radio%20Manual.pdf
>
> Leif
>

1575. Re: [harris-radio] RF-5800M HH030, Falcon II

Yahoo group: harris-radio
Date: 2013-08-28 03:14:00 UTC
From: Jason Brown
Topic: 1573 Message: 1575

Marcus,

I have the Harris RF-310M-HH. I'm using the PRC-152A USB adapter kit which cost me $545 and the CPA cost me $80 from Harris. This should be what you need for your radio. I also recently received access to the Harris Primier site and the CPA was available as a free download from there. I received access because when I purchased my radio from them they forgot to install a particular software option, but they may allow anyone to join but I'm not sure... I had to call a representative to figure out how to use the CPA. It is not nearly as intuitive as the keypad. To hopefully answer your question from the forum: the radio has the ability to program 99 "Channels" but it also allows you to create "mission plans" So you could theoretically make multiple mission plans and load them into your radio but each is limited to 99 channels. IE: You could do a mission plan for different cities Las Vegas Mission Plan, LA Mission Plan, etc. OR Maritime Radio, AIR Band, etc. I hope this answers your question.

When did you purchase the radio? You are very lucky. I keep tabs on his website pretty often and hadn't seen any of them up. Let me now if you ever have plans on selling your radio! Are you looking for any accessories ie: RF-300M(VRC-110) Do you have any accessories for sale? Also if you have any questions let me know.

Jason

On Aug 26, 2013, at 4:26 PM, mjulianma wrote:

> Hi,
>
> I just purchased once of these and would like any information or technical advice from those in the know. From past messages, this seems to be the export version of the AN/PRC-152. I have been able to manually program the radio, but any advice as to how to use a computer would be greatly appreciated. There seems to be a way to turn on the radio and have it re-program its memory to default values -- I have inadvertently done his and would like to avoid it in the future. Again, any help whatsoever greatly appreciated.
>
> Thans,
>
> Marcus
>
>

[Non-text portions of this message have been removed]

1576. Re: Manual for Harris RF 550 - a great big thanks

Yahoo group: harris-radio
Date: 2013-08-28 10:22:10 UTC
From: Michael Buckley
Topic: 1572 Message: 1576

Hi all,

I tried to download the manual from the dropbox link, but it seems to download very slowly, but that is all - I cannot open or see it

Anybody explain, please?

Mike

1577. Re: Manual for Harris RF 550 - a great big thanks

Yahoo group: harris-radio
Date: 2013-08-28 11:05:13 UTC
From: wilkolakvp
Topic: 1572 Message: 1577

Dear Leif, big thanks for the link, have the hardcopy as well but to have this electronic is just perfect!!!

@ Mike
was the same here with Firefox, loaded to 100% but didn't conclude on IE10 worked just perfect, file is big, will take some time.

Anyone else in Europe still using RF-550? I am looking for a knob as used for mode/bandwidth etc switches, one got broken here while relocating and it takes a huge effort to ship from US. Any help highly appreciated, thanks in advance!

All the best from Vienna, Wolfgang

--- In harris-radio@yahoogroups.com, Michael Buckley <M1CCF@...> wrote:
>
> Hi all,
>
> I tried to download the manual from the dropbox link, but it seems to
> download very slowly, but that is all - I cannot open or see it
>
> Anybody explain, please?
>
> Mike
>

1578. Re: Manual for Harris RF 550 - a great big thanks

Yahoo group: harris-radio
Date: 2013-08-28 13:51:56 UTC
From: Leif Funder
Topic: 1572 Message: 1578

I just bought the HF-550 here in Denmark and the manual was luckily on a CD in PDF-format.
The file was too big to upload to the board.
It produced some hum in the speaker which I fixed with a big capacitor in the power supply.
I placed it in one of the empty slots - if anyone have the same problem.

Leif

--- In harris-radio@yahoogroups.com, "wilkolakvp" <wolfgang.vonpoellnitz@...> wrote:
>
> Dear Leif, big thanks for the link, have the hardcopy as well but to have this electronic is just perfect!!!
>
> @ Mike
> was the same here with Firefox, loaded to 100% but didn't conclude on IE10 worked just perfect, file is big, will take some time.
>
> Anyone else in Europe still using RF-550? I am looking for a knob as used for mode/bandwidth etc switches, one got broken here while relocating and it takes a huge effort to ship from US. Any help highly appreciated, thanks in advance!
>
> All the best from Vienna, Wolfgang
>
> --- In harris-radio@yahoogroups.com, Michael Buckley <M1CCF@> wrote:
> >
> > Hi all,
> >
> > I tried to download the manual from the dropbox link, but it seems to
> > download very slowly, but that is all - I cannot open or see it
> >
> > Anybody explain, please?
> >
> > Mike
> >
>

1579. RE: [harris-radio] RF-5800M HH030, Falcon II

Yahoo group: harris-radio
Date: 2013-08-28 16:25:39 UTC
From: Richard Johnson
Topic: 1573 Message: 1579

Marcus, you need to post a picture to the group page so that we can identify what the heck it is you bought.

There are so many odd radios out there with various names on them that we cant quite tell what you are talking about.

Im in a commo unit and have used several HTs and have some older ones so Im pretty familiar with alot of US stuff out there.

Post a pic and we can help you out much better.

Regards

Richard Johnson

KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms?"
Thomas Jefferson

[Non-text portions of this message have been removed]

1580. Harris RF-550 - help or schematic wanted - newer style lever tuning switches

Yahoo group: harris-radio
Date: 2013-08-29 17:24:00 UTC
From: cr_anton
Topic: 1580 Message: 1580

The original Harris RF-550 used sliding switches for tuning the 10Mhz, 1 Mhz, 100 Khz, 10 Khz, 1 Khz frequencies. I have one of the newer RF550 units where the sliding switches have been replaced with up/down lever switches which you use to tune each frequency digit in the display up or down. The service manual copies available appear to only be for the older model which have the sliding switches. Does anyone have a copy of the manual with the schematic for the newer up/down lever switches.

The reason I need this is that the lever tuning switches have decided not to change the frequency 1 > 2 > 3 > 4 > 5 etc. as usual for each level switch pushed(10Mhz, 1 Mhz, 100Khz etc) but to also jump by 10 Mhz for each up or down. If the frequency is at say 1,647.5 then pushing up on the 10 khz switch would change to 11,648.5. Doing it again would skip to 21,649.5. Down would also jump down by 10 Mhz. This occurs for each level switch changing the desired column value as normal but also jumping up or down by 10 Mhz.

Any suggestions, help, schematics from a list member to address this problem would be greatly appreciated. If anyone knows of someone who repairs these units please pass on their contact information.

This is such an impressive radio I would really like to get it operational again.

thanks
Chris
VE7TOP

1581. RE: [harris-radio] Harris RF-550 - help or schematic wanted - newer style lever tuning switches

Yahoo group: harris-radio
Date: 2013-08-29 22:11:39 UTC
From: Roger Waldmiller
Topic: 1580 Message: 1581

Hi Chris VE7TOP

I may be a help.

I have a manual pub # 1920-0030c Nov 1983

In Part 6 "chassis and front panel it mentions S4 -A -F has 6 lever operated selector switches.

The "front panel interconnection the switches as binary switches

What PUB do you have.

Contact me direct

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of cr_anton
Sent: Thursday, August 29, 2013 1:24 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris RF-550 - help or schematic wanted - newer style lever tuning switches

The original Harris RF-550 used sliding switches for tuning the 10Mhz, 1 Mhz, 100 Khz, 10 Khz, 1 Khz frequencies. I have one of the newer RF550 units where the sliding switches have been replaced with up/down lever switches which you use to tune each frequency digit in the display up or down. The service manual copies available appear to only be for the older model which have the sliding switches. Does anyone have a copy of the manual with the schematic for the newer up/down lever switches.

The reason I need this is that the lever tuning switches have decided not to change the frequency 1 > 2 > 3 > 4 > 5 etc. as usual for each level switch

pushed(10Mhz, 1 Mhz, 100Khz etc) but to also jump by 10 Mhz for each up or down. If the frequency is at say 1,647.5 then pushing up on the 10 khz switch would change to 11,648.5. Doing it again would skip to 21,649.5. Down would also jump down by 10 Mhz. This occurs for each level switch changing the desired column value as normal but also jumping up or down by 10 Mhz.

Any suggestions, help, schematics from a list member to address this problem would be greatly appreciated. If anyone knows of someone who repairs these units please pass on their contact information.

This is such an impressive radio I would really like to get it operational again.

thanks
Chris
VE7TOP

[Non-text portions of this message have been removed]

1582. RE: RE: [harris-radio] Harris RF-550 - help or schematic wanted - newer style lever tuning switches

Yahoo group: harris-radio
Date: 2013-08-30 14:17:40 UTC
From: <canton@...>
Topic: 1580 Message: 1582

Thanks Roger for your help.   I now have access to 1920-0030B (Jan 1982) and also 1920-0030C (Nov 1983) but I see that Part 6 of both manuals are the same.   The schematic Figure 6.6 shows the switches but I believe these indicate the sliding switches shown on the illustration on the cover of the manual because they appear to show a simple 9 position switch. The description of '6 lever operated selector switches' sounds like a description of the newer style decade switch but it doesn't seem like this matches to the schematic.   I'm willing to admit my understanding of what I see and read falls way short of what I need to troubleshoot the problem. It's a curious symptom where moving any of the switches causes the 10 Mhz display to jump up or down by 10 in addition to changing the proper frequency column. One of the items I've acquired separately on EBay (before this problem occurred) is a replacement display board that uses LCD rather than the red display that is there currently.   The seller indicated that the existing display has a tendency to die so I thought this might be a worthwhile spare to stockpile. There is the possibility that swapping this in might cure the problem as it replaces the display board (including U1-U6) but perhaps the issue lies back at the decade switchs themselves. Any additional insights you can offer would be greatly appreciated. cheers Chris VE7TOP --- In harris-radio@yahoogroups.com, <waldrgr@...> wrote: Hi Chris VE7TOP

I may be a help.

I have a manual pub # 1920-0030c Nov 1983

In Part 6 "chassis and front panel it mentions S4 -A -F has 6 lever operated selector switches.

The "front panel interconnection the switches as binary switches

What PUB do you have.

Contact me direct

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto: harris-radio@yahoogroups.com] On Behalf Of cr_anton
Sent: Thursday, August 29, 2013 1:24 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris RF-550 - help or schematic wanted - newer style lever tuning switches

The original Harris RF-550 used sliding switches for tuning the 10Mhz, 1 Mhz, 100 Khz, 10 Khz, 1 Khz frequencies. I have one of the newer RF550 units where the sliding switches have been replaced with up/down lever switches which you use to tune each frequency digit in the display up or down. The service manual copies available appear to only be for the older model which have the sliding switches. Does anyone have a copy of the manual with the schematic for the newer up/down lever switches.

The reason I need this is that the lever tuning switches have decided not to change the frequency 1 > 2 > 3 > 4 > 5 etc. as usual for each level switch pushed(10Mhz, 1 Mhz, 100Khz etc) but to also jump by 10 Mhz for each up or down. If the frequency is at say 1,647.5 then pushing up on the 10 khz switch would change to 11,648.5. Doing it again would skip to 21,649.5. Down would also jump down by 10 Mhz. This occurs for each level switch changing the desired column value as normal but also jumping up or down by 10 Mhz.

Any suggestions, help, schematics from a list member to address this problem would be greatly appreciated. If anyone knows of someone who repairs these units please pass on their contact information.

This is such an impressive radio I would really like to get it operational again.

thanks
Chris
VE7TOP

[Non-text portions of this message have been removed]

1583. RE: RE: [harris-radio] Harris RF-550 - help or schematic wanted - newer style lever tuning switches

Yahoo group: harris-radio
Date: 2013-08-30 14:54:19 UTC
From: Roger Waldmiller
Topic: 1580 Message: 1583

Hi Chris:

I can copy and send to you section 6 General Information for the chassis and front panel.

You can then compare to what you have .

Mine definitely states that the switches are binary 1,2,4,8

Roger

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of canton@...
Sent: Friday, August 30, 2013 10:18 AM
To: harris-radio@yahoogroups.com
Subject: RE: RE: [harris-radio] Harris RF-550 - help or schematic wanted - newer style lever tuning switches

Thanks Roger for your help. I now have access to 1920-0030B (Jan 1982) and also 1920-0030C (Nov 1983) but I see that Part 6 of both manuals are the same. The schematic Figure 6.6 shows the switches but I believe these indicate the sliding switches shown on the illustration on the cover of the manual because they appear to show a simple 9 position switch. The description of '6 lever operated selector switches' sounds like a description of the newer style decade switch but it doesn't seem like this matches to the schematic. I'm willing to admit my understanding of what I see and read falls way short of what I need to troubleshoot the problem. It's a curious symptom where moving any of the switches causes the 10 Mhz display to jump up or down by 10 in addition to changing the proper frequency column. One of the items I've acquired separately on EBay (before this problem occurred) is a replacement display board that uses LCD rather than the red display that is there currently. The seller indicated that the existing display has a tendency to die so I thought this might be a worthwhile spare to stockpile. There is the possibility that swapping this in might cure the problem as it replaces the display board (including U1-U6) but perhaps the issue lies back at the decade switchs themselves. Any additional insights you can offer would be greatly appreciated. cheers Chris VE7TOP --- In harris-radio@...m <mailto:harris-radio%40yahoogroups.com> , <waldrgr@...> wrote: Hi Chris VE7TOP

I may be a help.

I have a manual pub # 1920-0030c Nov 1983

In Part 6 "chassis and front panel it mentions S4 -A -F has 6 lever operated selector switches.

The "front panel interconnection the switches as binary switches

What PUB do you have.

Contact me direct

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com> [mailto: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>] On Behalf Of cr_anton
Sent: Thursday, August 29, 2013 1:24 PM
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Subject: [harris-radio] Harris RF-550 - help or schematic wanted - newer style lever tuning switches

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thanks
Chris
VE7TOP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1584. Test Test

Yahoo group: harris-radio
Date: 2013-08-27 11:52:50 UTC
From: Stuart
Topic: 1584 Message: 1584

Test Tx ??

Stuart
G0TBI

1585. test test

Yahoo group: harris-radio
Date: 2013-08-29 12:30:19 UTC
From: Stuart
Topic: 1585 Message: 1585

help

Are my messages getting out?

Stuart
G0TBI

1586. Unknown Tray ?

Yahoo group: harris-radio
Date: 2013-08-27 06:46:29 UTC
From: Stuart
Topic: 1586 Message: 1586

Hi Group

Anyone identify this tray photo uploaded to photo's section, it's marked as an ITT item, but know nothing else!

Any help appreciated

Stuart
G0TBI

1587. UBI-2590 batteries FS

Yahoo group: harris-radio
Date: 2013-08-15 15:36:47 UTC
From: Stuart
Topic: 1587 Message: 1587

Group

For your RT-138's

As the above title states I have a pair of Ultralife UBI-2590 Lith Ion batteries for sale, they are New Unissued !

Mail me direct if seriously interested, mind if your stateside I gather there are now restrictions on battery shipping??

Cheers

Stuart
G0TBI QTHR

1588. RE: RE: [harris-radio] Harris RF-550 - help or schematic wanted - newer style lever tuning switches

Yahoo group: harris-radio
Date: 2013-08-30 16:16:12 UTC
From: Roger Waldmiller
Topic: 1580 Message: 1588

Hi Chris:

Reviewing Figure 6-6 My shows what looks like switches ar actually the Displays marked DS1,2,3

Going to figure 6-2 shows the switches S4-a,b,c,d,e,,f all binary , leads 1,2,4,8,c,

Roger

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of canton@...
Sent: Friday, August 30, 2013 10:18 AM
To: harris-radio@yahoogroups.com
Subject: RE: RE: [harris-radio] Harris RF-550 - help or schematic wanted - newer style lever tuning switches

Thanks Roger for your help. I now have access to 1920-0030B (Jan 1982) and also 1920-0030C (Nov 1983) but I see that Part 6 of both manuals are the same. The schematic Figure 6.6 shows the switches but I believe these indicate the sliding switches shown on the illustration on the cover of the manual because they appear to show a simple 9 position switch. The description of '6 lever operated selector switches' sounds like a description of the newer style decade switch but it doesn't seem like this matches to the schematic. I'm willing to admit my understanding of what I see and read falls way short of what I need to troubleshoot the problem. It's a curious symptom where moving any of the switches causes the 10 Mhz display to jump up or down by 10 in addition to changing the proper frequency column. One of the items I've acquired separately on EBay (before this problem occurred) is a replacement display board that uses LCD rather than the red display that is there currently. The seller indicated that the existing display has a tendency to die so I thought this might be a worthwhile spare to stockpile. There is the possibility that swapping this in might cure the problem as it replaces the display board (including U1-U6) but perhaps the issue lies back at the decade switchs themselves. Any additional insights you can offer would be greatly appreciated. cheers Chris VE7TOP --- In harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com> , <waldrgr@...> wrote: Hi Chris VE7TOP

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I have a manual pub # 1920-0030c Nov 1983

In Part 6 "chassis and front panel it mentions S4 -A -F has 6 lever operated selector switches.

The "front panel interconnection the switches as binary switches

What PUB do you have.

Contact me direct

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com> [mailto: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>] On Behalf Of cr_anton
Sent: Thursday, August 29, 2013 1:24 PM
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Subject: [harris-radio] Harris RF-550 - help or schematic wanted - newer style lever tuning switches

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Any suggestions, help, schematics from a list member to address this problem would be greatly appreciated. If anyone knows of someone who repairs these units please pass on their contact information.

This is such an impressive radio I would really like to get it operational again.

thanks
Chris
VE7TOP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

1589. Re: RE: [harris-radio] Harris RF-550 - help or schematic wanted - newer style lever tuning switches

Yahoo group: harris-radio
Date: 2013-08-30 16:40:24 UTC
From: John Watkins
Topic: 1580 Message: 1589

I will look in my hard copy and see what it has. I think it shows the paddle switches. If so, I will scan it and send a .PDF file.

John WD5ENU

From: Roger Waldmiller <waldrgr@...>
To: harris-radio@yahoogroups.com
Sent: Friday, August 30, 2013 11:16 AM
Subject: RE: RE: [harris-radio] Harris RF-550 - help or schematic wanted - newer style lever tuning switches

Hi Chris:

Reviewing Figure 6-6 My shows what looks like switches ar actually the Displays marked DS1,2,3

Going to figure 6-2 shows the switches S4-a,b,c,d,e,,f all binary , leads 1,2,4,8,c,

Roger

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of canton@...t
Sent: Friday, August 30, 2013 10:18 AM
To: harris-radio@yahoogroups.com
Subject: RE: RE: [harris-radio] Harris RF-550 - help or schematic wanted - newer style lever tuning switches

Thanks Roger for your help. I now have access to 1920-0030B (Jan 1982) and also 1920-0030C (Nov 1983) but I see that Part 6 of both manuals are the same. The schematic Figure 6.6 shows the switches but I believe these indicate the sliding switches shown on the illustration on the cover of the manual because they appear to show a simple 9 position switch. The description of '6 lever operated selector switches' sounds like a description of the newer style decade switch but it doesn't seem like this matches to the schematic. I'm willing to admit my understanding of what I see and read falls way short of what I need to troubleshoot the problem. It's a curious symptom where moving any of the switches causes the 10 Mhz display to jump up or down by 10 in addition to changing the proper frequency column. One of the items I've acquired separately on EBay (before this problem occurred) is a replacement display board that uses LCD rather than the red
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The "front panel interconnection the switches as binary switches

What PUB do you have.

Contact me direct

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com> [mailto: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>] On Behalf Of cr_anton
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thanks
Chris
VE7TOP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.netYahoo! Groups Links

[Non-text portions of this message have been removed]

1590. prc 138 for sale

Yahoo group: harris-radio
Date: 2013-08-30 17:41:47 UTC
From: spirit.fl@netzero.com
Topic: 1590 Message: 1590

Hi guys
I have a complete PRC 138 for sale

30-second trick for a flat belly
This daily 30-second trick BOOSTS your body's #1 fat-burning hormone
http://thirdpartyoffers.netzero.net/TGL3231/5220d988a85245988581cst01duc

1591. Re: [harris-radio] prc 138 for sale

Yahoo group: harris-radio
Date: 2013-08-30 17:50:42 UTC
From: Lee Ciereszko
Topic: 1590 Message: 1591

Since no price is listed, I will offer $1. ☐

Lee N4TCW

Where's Lee?
http://map.findu.com/n4tcw

On Aug 30, 2013, at 5:41 PM, "spirit.fl@netzero.com" <spirit.fl@...> wrote:

> Hi guys
> I have a complete PRC 138 for sale
> _____
> 30-second trick for a flat belly
> This daily 30-second trick BOOSTS your body's #1 fat-burning hormone
> http://thirdpartyoffers.netzero.net/TGL3231/5220d988a85245988581cst01duc
>
>

[Non-text portions of this message have been removed]

1592. Re: [harris-radio] prc 138 for sale

Yahoo group: harris-radio
Date: 2013-08-30 17:57:14 UTC
From: spirit.fl@netzero.com
Topic: 1590 Message: 1592

The email came in readable, send a reply directly to
Spirit.fl@...
Lee

Please note: message attached

From: Lee Ciereszko <n4tcw@...>
To: "harris-radio@yahoogroups.com" <harris-radio@yahoogroups.com>
Subject: Re: [harris-radio] prc 138 for sale
Date: Fri, 30 Aug 2013 13:50:42 -0400

30-second trick for a flat belly
This daily 30-second trick BOOSTS your body's #1 fat-burning hormone
http://thirdpartyoffers.netzero.net/TGL3231/5220dd59d2e85d580628st03duc

[Non-text portions of this message have been removed]

1593. Re: [harris-radio] prc 138 for sale

Yahoo group: harris-radio
Date: 2013-08-30 18:04:15 UTC
From: Chance Wolf
Topic: 1590 Message: 1593

Psh. We all know they go for *far* more than that.

I offer *2* dollars!

Sent from my iPhone. Probably because I'm outside wrestling wolves.

On 2013-08-30, at 10:50 AM, Lee Ciereszko <n4tcw@...> wrote:

> Since no price is listed, I will offer $1. ☐
>
> Lee N4TCW
>
> Where's Lee?
> http://map.findu.com/n4tcw
>
> On Aug 30, 2013, at 5:41 PM, "spirit.fl@..." <spirit.fl@...> wrote:
>
> > Hi guys
> > I have a complete PRC 138 for sale
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> > 30-second trick for a flat belly
> > This daily 30-second trick BOOSTS your body's #1 fat-burning hormone
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> >
> >
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

1594. Re: [harris-radio] prc 138 for sale

Yahoo group: harris-radio
Date: 2013-08-30 18:06:09 UTC
From: spirit.fl@netzero.com
Topic: 1590 Message: 1594

The radio comes with battery,hand mic,ear mic piece,audio splinter adapter,original carry bag like new,whip antenna and short whip antenna for 30-150 MHz,
Works as it should.
New mem battery installed
Also I have a digital modem that I modify it and I did plenty of psk with the radio.
Looking to get 5200.00
Have some other options sold separately ,like new,mill lap top Panasonic cf 29 with new battery,touch screen model,extender wify super sensitive antenna,win xp.
.
Lee
Please note: message

From: "spirit.fl@..." <spirit.fl@...>
To: harris-radio@yahoogroups.com
Subject: [harris-radio] prc 138 for sale
Date: Fri, 30 Aug 2013 17:41:47 GMT

30-second trick for a flat belly
This daily 30-second trick BOOSTS your body's #1 fat-burning hormone
http://thirdpartyoffers.netzero.net/TGL3231/5220df7d8fcae5f7d1475st01duc

[Non-text portions of this message have been removed]

1595. Re: [harris-radio] prc 138 for sale

Yahoo group: harris-radio
Date: 2013-08-30 18:23:06 UTC
From: BOB
Topic: 1590 Message: 1595

I'LL UP IT TOO $3

K1PQR

BOB

Sent from my Verizon Wireless 4G LTE DROID

"spirit.fl@..." <spirit.fl@...> wrote:

>
>
>The email came in readable, send a reply directly to
>Spirit.fl@...
>Lee
>
>Please note: message attached
>
>From: Lee Ciereszko <n4tcw@...>
>To: "harris-radio@yahoogroups.com" <harris-radio@yahoogroups.com>
>Subject: Re: [harris-radio] prc 138 for sale
>Date: Fri, 30 Aug 2013 13:50:42 -0400
>
>_____
>30-second trick for a flat belly
>This daily 30-second trick BOOSTS your body's #1 fat-burning hormone
>http://thirdpartyoffers.netzero.net/TGL3231/5220dd59d2e85d580628st03duc
>
>[Non-text portions of this message have been removed]
>
>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0 10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a; font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads { margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; } #ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc { font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700; font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px; padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; } #activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px; padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child { text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; } #activity span span { color: #ff7900; } #activity span .underline { text-decoration: underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img {

border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

[Non-text portions of this message have been removed]

1596. Re: [harris-radio] prc 138 for sale

Yahoo group: harris-radio
Date: 2013-08-30 18:32:48 UTC
From: Richard VA3RZS 2
Topic: 1590 Message: 1596

At that price I will take a 1/4 of it lol

I guess I should update the selling rules for this group ,

Every one has been so good ,

PLEASE if you are going to sell something list price , where you are located , and shipping costs for your local area

We have members from all over the world in this group

Thank you

Richard szajkowski
List owner

Sent from my
iPad ver 11.759372.7236.1104

On 2013-08-30, at 6:06 PM, "spirit.fl@..." <spirit.fl@...> wrote:

> The radio comes with battery,hand mic,ear mic piece,audio splinter adapter,original carry bag like new,whip antenna and short whip antenna for 30-150 MHz,
> Works as it should.
> New mem battery installed
> Also I have a digital modem that I modify it and I did plenty of psk with the radio.
> Looking to get 5200.00
> Have some other options sold separately ,like new,mill lap top Panasonic cf 29 with new battery,touch screen model,extender wify super sensitive antenna,win xp.
> .
> Lee
> Please note: message
>
> From: "spirit.fl@..." <spirit.fl@...>
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] prc 138 for sale
> Date: Fri, 30 Aug 2013 17:41:47 GMT
>
> _____
> 30-second trick for a flat belly
> This daily 30-second trick BOOSTS your body's #1 fat-burning hormone
> http://thirdpartyoffers.netzero.net/TGL3231/5220df7d8fcae5f7d1475st01duc
>
> [Non-text portions of this message have been removed]
>
>

[Non-text portions of this message have been removed]

1597. Re: [harris-radio] test test

Yahoo group: harris-radio
Date: 2013-08-31 00:43:09 UTC
From: John Bowers
Topic: 1585 Message: 1597

Stuart
Yes
John
K9UTK

On 8/29/2013 7:30 AM, Stuart wrote:
>
> help
>
> Are my messages getting out?
>
> Stuart
> G0TBI
>
>

[Non-text portions of this message have been removed]

1598. Re: [harris-radio] test test

Yahoo group: harris-radio
Date: 2013-08-31 03:08:18 UTC
From: Glenn (Butch) Kanvick
Topic: 1585 Message: 1598

Yes, I gotten loud and clear, 10 X 10

On Thu, Aug 29, 2013 at 6:30 AM, Stuart <Stuartjmckinnon@...> wrote:

> **
>
>
> help
>
> Are my messages getting out?
>
> Stuart
> G0TBI
>
>
>

--
Glenn (Butch) Kanvick
KE7FEL/R

[Non-text portions of this message have been removed]

1599. RF3200T

Yahoo group: harris-radio
Date: 2013-08-31 03:52:44 UTC
From: <wa0vzv@...>
Topic: 1599 Message: 1599

Still looking for a Harris RF-3200T. Living in Belize and would love the transportability of the T model, plus the reliability. Anyone know of the whereabouts of a working unit that might be for sale, please let me know.

1600. PRC-148

Yahoo group: harris-radio
Date: 2013-08-30 23:24:35 UTC
From: mjulianma
Topic: 1600 Message: 1600

Hi,

I have purchased a picture a requested. I have also obtained the 20W VA kit for the radio. What remains for me is the S/W and some cables. Specifically the DC power cable and the Remote keypad cable for the VA. Thanks so far for all your advice. I am pursuing multiple options to get programming S/W and cables for the unit. Any help appreciated.

Marcus

1601. RE: RF3200 password problem

Yahoo group: harris-radio
Date: 2013-08-31 14:24:34 UTC
From: <jon.iza@...>
Topic: 1566 Message: 1601

Folks, a new EPROM with newer than 1.20F firmware did the trick. As the memory is a larger 27C512, a jumper was needed near U7 on the Logic Board. Now the rig is working as expected. Thanks to all who helped, especially Roger K4AP. Be well jon, ea2sn --- In harris-radio@yahoogroups.com, <waldrgr@...> wrote: Hello Jon EA2SN:

With the f/w up to and including 120F , the password formula was unknown except for Harris engineering, so a printed list was made , even for Harris service personnel.

Contact me directly and I can help you.

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto: harris-radio@yahoogroups.com] On Behalf Of iapizloj
Sent: Tuesday, August 06, 2013 10:24 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF3200 password problem

Folks,
the password on my RF3200 (SN 682) does not work. It works fine, with full power and, even, the automatic coupler does work too.
After reading the Group messages, I thought that the SRAM backup battery was dead and needed replacement.
After getting one, I have replaced the SRAM and, as expected, after the electronic version (120F) the new serial number is 1.
But the default password 427748 does not work and the dreaded pee-poh sound sounds whenever I try.
Any hints? Should I check the jumpers on the A7 board?
Thanks for your information.
jon, ea2sn

[Non-text portions of this message have been removed]

1602. Re: RF-5800M HH030, Falcon II

Yahoo group: harris-radio
Date: 2013-08-31 18:06:50 UTC
From: mjulianma
Topic: 1573 Message: 1602

Hi Jason,

I just noticed that my reply to you from a few days ago bounced. I am interested in the S/W and the H/W for the radio. I have the Thales PRC-148, so I am not sure whether your S/W would work, but I am willing to pay you for it to give it a try. Thanks for your other information.

Marcus

--- In harris-radio@yahoogroups.com, Jason Brown <jace1986@...> wrote:
>
> Marcus,
>
> I have the Harris RF-310M-HH. I'm using the PRC-152A USB adapter kit which cost me $545 and the CPA cost me $80 from Harris. This should be what you need for your radio. I also recently received access to the Harris Primier site and the CPA was available as a free download from there. I received access because when I purchased my radio from them they forgot to install a particular software option, but they may allow anyone to join but I'm not sure... I had to call a representative to figure out how to use the CPA. It is not nearly as intuitive as the keypad. To hopefully answer your question from the forum: the radio has the ability to program 99 "Channels" but it also allows you to create "mission plans" So you could theoretically make multiple mission plans and load them into your radio but each is limited to 99 channels. IE: You could do a mission plan for different cities Las Vegas Mission Plan, LA Mission Plan, etc. OR Maritime Radio, AIR Band, etc. I hope this answers your question.
>
> When did you purchase the radio? You are very lucky. I keep tabs on his website pretty often and hadn't seen any of them up. Let me now if you ever have plans on selling your radio! Are you looking for any accessories ie: RF-300M(VRC-110) Do you have any accessories for sale? Also if you have any questions let me know.
>
> Jason
>
>
>
> On Aug 26, 2013, at 4:26 PM, mjulianma wrote:
>
> > Hi,
> >
> > I just purchased once of these and would like any information or technical advice from those in the know. From past messages, this seems to be the export version of the AN/PRC-152. I have been able to manually program the radio, but any advice as to how to use a computer would be greatly appreciated. There seems to be a way to turn on the radio and have it re-program its memory to default values -- I have inadvertently done his and would like to avoid it in the future. Again, any help whatsoever greatly appreciated.
> >

> > Thans,
> >
> > Marcus
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

1603. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2013-08-31 19:47:44 UTC
From: harris-radio@yahoogroups.com
Topic: 107 Message: 1603

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /84357-IETM Rev J Dec 2011.pdf
Uploaded by : mjulianma <mfj@...>
Description : PRC-148 Operations and Maint. Manual

You can access this file at the URL:
http://groups.yahoo.com/group/harris-radio/files/84357-IETM%20Rev%20J%20Dec%202011.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/l/us/yahoo/groups/original/members/web/index.html
Regards,

mjulianma <mfj@...>

1604. RE: RF-5800M HH030, Falcon II

Yahoo group: harris-radio
Date: 2013-08-31 21:53:16 UTC
From: <prcradio@...>
Topic: 1573 Message: 1604

The Racal/Thales software will not work with the Harris branded MBITR, you need the Harris version. Mike --- In harris-radio@yahoogroups.com, <mfj@...> wrote: Hi Jason,

I just noticed that my reply to you from a few days ago bounced. I am interested in the S/W and the H/W for the radio. I have the Thales PRC-148, so I am not sure whether your S/W would work, but I am willing to pay you for it to give it a try. Thanks for your other information.

Marcus

--- In harris-radio@yahoogroups.com , Jason Brown <jace1986@...> wrote:
>
> Marcus,
>
> I have the Harris RF-310M-HH. I'm using the PRC-152A USB adapter kit which cost me $545 and the CPA cost me $80 from Harris. This should be what you need for your radio. I also recently received access to the Harris Primier site and the CPA was available as a free download from there. I received access because when I purchased my radio from them they forgot to install a particular software option, but they may allow anyone to join but I'm not sure... I had to call a representative to figure out how to use the CPA. It is not nearly as intuitive as the keypad. To hopefully answer your question from the forum: the radio has the ability to program 99 "Channels" but it also allows you to create "mission plans" So you could theoretically make multiple mission plans and load them into your radio but each is limited to 99 channels. IE: You could do a mission plan for different cities Las Vegas Mission Plan, LA Mission Plan, etc. OR Maritime Radio, AIR Band, etc. I hope this answers your question.
>
> When did you purchase the radio? You are very lucky. I keep tabs on his website pretty often and hadn't seen any of them up. Let me now if you ever have plans on selling your radio! Are you looking for any accessories ie: RF-300M(VRC-110) Do you have any accessories for sale? Also if you have any questions let me know.
>
> Jason
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> On Aug 26, 2013, at 4:26 PM, mjulianma wrote:
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> > Hi,
> >
> > I just purchased once of these and would like any information or technical advice from those in the know. From past messages, this seems to be the export version of the AN/PRC-152. I have been able to manually program the radio, but any advice as to how to use a computer would be greatly appreciated. There seems to be a way to turn on the radio and have it re-program its memory to default values -- I have inadvertently done his and would like to avoid it in the future. Again, any help whatsoever greatly appreciated.

> >
> > Thans,
> >
> > Marcus
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

1605. RE: [harris-radio] RE: RF-5800M HH030, Falcon II

Yahoo group: harris-radio
Date: 2013-09-01 05:45:11 UTC
From: Richard Johnson
Topic: 1573 Message: 1605

Ok I saw the pictures of the radio. Now I know what you have.

IT is a PRC-148 MBTR radio.

It was made by Racal (Later Thales) and early on Racal made them for Harris who marketed the green ones outside the US. They are clear, no crypto. I do not know if they use racal or harris programming software but its the racal plug on the side, good luck finding the programming cable.

All the Racal/Thales accessories will work on it. Its a good radio and desireable because of its open broad range of use and tones.

Batteries and charging can be a pain, I have seen 148 nimh batteries on ebay then you have to track down the right charger, there are older nicad chargers out there that will not work on the nimh batteries.

The nice thing about the 148 MBTR is they are really easy to program and use over the modern harris PRC-152 that replaced it. What a mind job to memorize your way around the harris menues.

Nice score.

Regards

RIchard Johnson

KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms?"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: prcradio@...
Date: Sat, 31 Aug 2013 14:53:16 -0700
Subject: [harris-radio] RE: RF-5800M HH030, Falcon II

The Racal/Thales software will not work with the Harris branded MBITR, you need the Harris version. Mike --- In harris-radio@yahoogroups.com, <mfj@...> wrote: Hi Jason,

I just noticed that my reply to you from a few days ago bounced. I am interested in the S/W and the H/W for the radio. I have the Thales PRC-148, so I am not sure whether your S/W would work, but I am willing to pay you for it to give it a try. Thanks for your other information.

Marcus

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> Marcus,
>
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> When did you purchase the radio? You are very lucky. I keep tabs on his website pretty often and hadn't seen any of them up. Let me now if you ever have plans on selling your radio! Are you looking for any accessories ie: RF-300M(VRC-110) Do you have any accessories for sale? Also if you have any questions let me know.
>
> Jason
>
>
>
> On Aug 26, 2013, at 4:26 PM, mjulianma wrote:
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> > Hi,
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> > I just purchased once of these and would like any information or technical advice from those in the know. From past messages, this seems to be the export version of the AN/PRC-152. I have been able to manually program the radio, but any advice as to how to use a computer would be greatly appreciated. There seems to be a way to turn on the radio and have it re-program its memory to default values -- I have inadvertently done his and would like to avoid it in the future. Again, any help whatsoever greatly appreciated.
> >
> > Thans,
> >
> > Marcus
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>

[Non-text portions of this message have been removed]

1606. RE: Harris RF-550 - help or schematic wanted - newer style lever tuning switches

Yahoo group: harris-radio
Date: 2013-09-02 01:10:41 UTC
From: <canton@...>
Topic: 1580 Message: 1606

Thanks everyone for your assistance.   John if you could scan that section of the manual that would be most useful to compare if this is different from the copy of the manual I have. This version of the manual is- 1920-0030C (Nov 1983). What version do you have?   Roger thanks for the info from 'diagram 6-2 which shows the switches S4-a,b,c,d,e,,f all binary , leads 1,2,4,8,c, '.   I'll have to say I'm not clear on how binary switches generating BCD codes actually work for controlling the frequency display. It's very humbling to have to admit that I really don't understand how the mechanism operates and how that translates into the symptoms I see when the frequency display jumps by 10Mhz when any of the level switches is pressed up or down. I'm afraid I work away from home and both the RF550 and the manual didn't travel with me so I won't be able to compare anything until next Saturday. cheers Chris VE7TOP cheers Chris VE7TOP --- In harris-radio@yahoogroups.com, <jpwatkins9@...> wrote: I will look in my hard copy and see what it has. I think it shows the paddle switches. If so, I will scan it and send a .PDF file.

John WD5ENU

From: Roger Waldmiller < waldrgr@... >
To: harris-radio@yahoogroups.com
Sent: Friday, August 30, 2013 11:16 AM
Subject: RE: RE: [harris-radio] Harris RF-550 - help or schematic wanted - newer style lever tuning switches

Hi Chris:

Reviewing Figure 6-6 My shows what looks like switches ar actually the Displays marked DS1,2,3

Going to figure 6-2 shows the switches S4-a,b,c,d,e,,f all binary , leads 1,2,4,8,c,

Roger

From: harris-radio@yahoogroups.com [mailto: harris-radio@yahoogroups.com] On Behalf Of canton@...
Sent: Friday, August 30, 2013 10:18 AM
To: harris-radio@yahoogroups.com
Subject: RE: RE: [harris-radio] Harris RF-550 - help or schematic wanted - newer style lever tuning switches

Thanks Roger for your help. I now have access to 1920-0030B (Jan 1982) and also 1920-0030C (Nov 1983) but I see that Part 6 of both manuals are the same. The

schematic Figure 6.6 shows the switches but I believe these indicate the sliding switches shown on the illustration on the cover of the manual because they appear to show a simple 9 position switch. The description of '6 lever operated selector switches' sounds like a description of the newer style decade switch but it doesn't seem like this matches to the schematic. I'm willing to admit my understanding of what I see and read falls way short of what I need to troubleshoot the problem. It's a curious symptom where moving any of the switches causes the 10 Mhz display to jump up or down by 10 in addition to changing the proper frequency column. One of the items I've acquired separately on EBay (before this problem occurred) is a replacement display board that uses LCD rather than the red
display that is there currently. The seller indicated that the existing display has a tendency to die so I thought this might be a worthwhile spare to stockpile. There is the possibility that swapping this in might cure the problem as it replaces the display board (including U1-U6) but perhaps the issue lies back at the decade switchs themselves. Any additional insights you can offer would be greatly appreciated. cheers Chris VE7TOP --- In harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com> , <waldrgr@...> wrote: Hi Chris VE7TOP

I may be a help.

I have a manual pub # 1920-0030c Nov 1983

In Part 6 "chassis and front panel it mentions S4 -A -F has 6 lever operated selector switches.

The "front panel interconnection the switches as binary switches

What PUB do you have.

Contact me direct

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com> [mailto: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>] On
Behalf Of cr_anton
Sent: Thursday, August 29, 2013 1:24 PM
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Subject: [harris-radio] Harris RF-550 - help or schematic wanted - newer
style lever tuning switches

The original Harris RF-550 used sliding switches for tuning the 10Mhz, 1 Mhz, 100 Khz, 10 Khz, 1 Khz frequencies. I have one of the newer RF550 units where the sliding switches have been replaced with up/down lever switches which you use to tune each frequency digit in the display up or down. The service manual copies available appear to only be for the older model which have the sliding switches. Does anyone have a copy of the manual with the schematic for the newer up/down lever switches.

The reason I need this is that the lever tuning switches have decided not to change the frequency 1 > 2 > 3 > 4 > 5 etc. as usual for each level switch pushed(10Mhz, 1 Mhz, 100Khz etc) but to also jump by 10 Mhz for each up or down. If the frequency is at say 1,647.5 then pushing up on the 10 khz switch would change to 11,648.5. Doing it again would skip to 21,649.5. Down would also jump down by 10 Mhz. This occurs for each level switch changing the desired column value as normal but also jumping up or down by 10 Mhz.

Any suggestions, help, schematics from a list member to address this problem would be greatly appreciated. If anyone knows of someone who repairs these units please pass on their contact information.

This is such an impressive radio I would really like to get it operational again.

thanks
Chris
VE7TOP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

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Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

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[Non-text portions of this message have been removed]

1607. Re: [harris-radio] RE: Harris RF-550 - help or schematic wanted - newer style lever tuning switches

Yahoo group: harris-radio
Date: 2013-09-02 01:52:27 UTC
From: John Watkins
Topic: 1580 Message: 1607

I am actually home today, so will look at my manual tomorrow and scan the pages. May have to wait until Monday to get them to you.

John WD5ENU

_____
From: "canton@..." <canton@island.net>
To: harris-radio@yahoogroups.com
Sent: Sunday, September 1, 2013 8:10 PM
Subject: [harris-radio] RE: Harris RF-550 - help or schematic wanted - newer style lever tuning switches

Thanks everyone for your assistance. John if you could scan that section of the manual that would be most useful to compare if this is different from the copy of the manual I have. This version of the manual is- 1920-0030C (Nov 1983). What version do you have? Roger thanks for the info from 'diagram 6-2 which shows the switches S4-a,b,c,d,e,,f all binary , leads 1,2,4,8,c, '. I'll have to say I'm not clear on how binary switches generating BCD codes actually work for controlling the frequency display. It's very humbling to have to admit that I really don't understand how the mechanism operates and how that translates into the symptoms I see when the frequency display jumps by 10Mhz when any of the level switches is pressed up or down. I'm afraid I work away from home and both the RF550 and the manual didn't travel with me so I won't be able to compare anything until next Saturday. cheers
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Sent: Friday, August 30, 2013 11:16 AM
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Roger

From: harris-radio@yahoogroups.com [mailto: harris-radio@yahoogroups.com] On Behalf Of canton@...
Sent: Friday, August 30, 2013 10:18 AM
To: harris-radio@...m
Subject: RE: RE: [harris-radio] Harris RF-550 - help or schematic wanted - newer style lever tuning switches

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Rochester NY USA

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This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

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[Non-text portions of this message have been removed]

1608. Powering RF-112B with SS Inverter?

Yahoo group: harris-radio
Date: 2013-09-03 12:06:25 UTC
From: Francesco Ledda
Topic: 1580 Message: 1608

Hello Group,

Anyone in the group tried to power an RF-112B or a PP-3916/UR with a solid state 3-Phase power converter? If so, did it work? Any problems?

Best Regards,

KF5RXV

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of canton@...
Sent: Sunday, September 01, 2013 8:11 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RE: Harris RF-550 - help or schematic wanted - newer style lever tuning switches

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From: Roger Waldmiller < waldrgr@... >
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Sent: Friday, August 30, 2013 11:16 AM
Subject: RE: RE: [harris-radio] Harris RF-550 - help or schematic wanted - newer style lever tuning switches

Hi Chris:

Reviewing Figure 6-6 My shows what looks like switches ar actually the Displays marked DS1,2,3

Going to figure 6-2 shows the switches S4-a,b,c,d,e,,f all binary , leads 1,2,4,8,c,

Roger

From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com> [mailto: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>] On Behalf Of canton@...
Sent: Friday, August 30, 2013 10:18 AM
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com>
Subject: RE: RE: [harris-radio] Harris RF-550 - help or schematic wanted - newer style lever tuning switches

Thanks Roger for your help. I now have access to 1920-0030B (Jan 1982) and also 1920-0030C (Nov 1983) but I see that Part 6 of both manuals are the same. The schematic Figure 6.6 shows the switches but I believe these indicate the sliding switches shown on the illustration on the cover of the manual because they appear to show a simple 9 position switch. The description of '6 lever operated selector switches' sounds like a description of the newer style decade switch but it doesn't seem like this matches to the schematic. I'm willing to admit my understanding of what I see and read falls way short of what I need to troubleshoot the problem. It's a curious symptom where moving any of the switches causes the 10 Mhz display to jump up or down by 10 in addition to changing the proper frequency column. One of the items I've acquired separately on EBay (before this problem occurred) is a replacement display board that uses LCD rather than the red
display that is there currently. The seller indicated that the existing display has a tendency to die so I thought this might be a worthwhile spare to stockpile. There is the possibility that swapping this in might cure the problem as it replaces the display board (including U1-U6) but perhaps the issue lies back at the decade switchs themselves. Any additional insights you can offer would be greatly appreciated. cheers Chris VE7TOP --- In harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com> <mailto:harris-radio%40yahoogroups.com> , <waldrgr@...> wrote: Hi Chris VE7TOP

I may be a help.

I have a manual pub # 1920-0030c Nov 1983

In Part 6 "chassis and front panel it mentions S4 -A -F has 6 lever
operated selector switches.

The "front panel interconnection the switches as binary switches

What PUB do you have.

Contact me direct

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com> <mailto:harris-radio%40yahoogroups.com> [mailto: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com> <mailto:harris-radio%40yahoogroups.com>] On Behalf Of cr_anton
Sent: Thursday, August 29, 2013 1:24 PM
To: harris-radio@yahoogroups.com <mailto:harris-radio%40yahoogroups.com> <mailto:harris-radio%40yahoogroups.com>
Subject: [harris-radio] Harris RF-550 - help or schematic wanted - newer style lever tuning switches

The original Harris RF-550 used sliding switches for tuning the 10Mhz, 1 Mhz, 100 Khz, 10 Khz, 1 Khz frequencies. I have one of the newer RF550 units where the sliding switches have been replaced with up/down lever switches which you use to tune each frequency digit in the display up or down. The service manual copies available appear to only be for the older model which have the sliding switches. Does anyone have a copy of the manual with the schematic for the newer up/down lever switches.

The reason I need this is that the lever tuning switches have decided not to change the frequency 1 > 2 > 3 > 4 > 5 etc. as usual for each level switch pushed(10Mhz, 1 Mhz, 100Khz etc) but to also jump by 10 Mhz for each up or down. If the frequency is at say 1,647.5 then pushing up on the 10 khz switch would change to 11,648.5. Doing it again would skip to 21,649.5. Down would also jump down by 10 Mhz. This occurs for each level switch changing the desired column value as normal but also jumping up or down by 10 Mhz.

Any suggestions, help, schematics from a list member to address this problem would be greatly appreciated. If anyone knows of someone who repairs these units please pass on their contact information.

This is such an impressive radio I would really like to get it operational again.

thanks
Chris
VE7TOP

[Non-text portions of this message have been removed]

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

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1609. harris rf-5032pa-125

Yahoo group: harris-radio
Date: 2013-09-06 04:34:45 UTC
From: L D Ritta
Topic: 1609 Message: 1609

Hello All

Is there anyone who have used this amplifier independent of rf-5000/prc-138 radios.

I would like to find how to control the amplifier as to switching etc . I looks like it is serial

Data, but I need to learn more. I thought I could build a small pic interface.

Any thoughts?

73's Lee.

1610. RE: harris rf-5032pa-125

Yahoo group: harris-radio
Date: 2013-09-07 17:21:18 UTC
From: <prcradio@...>
Topic: 1609 Message: 1610

Hi Lee,
I was interested in the same thing several years ago and everything is under serial control in these amps including PTT switching. I had a friend who also interested and was going to help me analyze the serial commands but unfortunately he has passed away. Please let us know if you make any progress.
Mike

--- In harris-radio@yahoogroups.com, <harris-radio@yahoogroups.com> wrote:

Hello All

Is there anyone who have used this amplifier independent of rf-5000/prc-138 radios.
I would like to find how to control the amplifier as to switching etc . I looks like it is serial
Data, but I need to learn more. I thought I could build a small pic interface.
Any thoughts?

73’s Lee.

1612. RE: [harris-radio] RE: harris rf-5032pa-125

Yahoo group: harris-radio
Date: 2013-09-10 17:16:11 UTC
From: Richard Johnson
Topic: 1609 Message: 1612

Are you using this PA as part of a harris RF-5000 or other Harris system or do you have it conntected to a non harris radio?

Richard Johnson

KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: eng1tahseen@yahoo.com
Date: Tue, 10 Sep 2013 10:05:17 -0700
Subject: [harris-radio] RE: harris rf-5032pa-125

i am using harris 125w p.a.

Long live the Avengers,

Eng. Tahseen Norzad AlSqairat
Mob. (Jordan): (962) 789507031
Mob. (USA): +1(762) 218-2210
skype name: eng1tahseen1
Husn, Irbid 21510
Hashemit Kingdom of Jordan

1613. Re: [harris-radio] PRC-148

Yahoo group: harris-radio
Date: 2013-09-11 00:49:17 UTC
From: TwoWay Radios
Topic: 1600 Message: 1613

A genuine programming cable and software will run anywhere from 350 to 500+ each on the open market.

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From: mjulianma <mfj@...>
To: harris-radio@yahoogroups.com
Sent: Friday, August 30, 2013 4:24 PM
Subject: [harris-radio] PRC-148

Hi,

I have purchased a picture a requested. I have also obtained the 20W VA kit for the radio. What remains for me is the S/W and some cables. Specifically the DC power cable and the Remote keypad cable for the VA. Thanks so far for all your advice. I am pursuing multiple options to get programming S/W and cables for the unit. Any help appreciated.

Marcus

1614. RE: Re: [harris-radio] PRC-148

Yahoo group: harris-radio
Date: 2013-09-11 01:18:44 UTC
From: <prcradio@...>
Topic: 1600 Message: 1614

Problem is the current Thales MBITR/PRC-148 programming software is not compatible with the early Racal MBITR that Harris rebranded and sold for a short time. I doubt if Harris still supports the radio in question.
Mike

1615. value of system

Yahoo group: harris-radio
Date: 2013-09-12 02:47:39 UTC
From: <w4jle@...>
Topic: 1615 Message: 1615

I would appreciate anyone that can tell me the current value of my Falcon System. Consists of the R/T 5022, 125 watt amp, tuner and tray. I do not have the Harris power supply.
The surplus prices seem insane.

1616. RE: value of system

Yahoo group: harris-radio
Date: 2013-09-12 22:56:39 UTC
From: <prcradio@...>
Topic: 1615 Message: 1616

What options are in the RT?
Mike

--- In harris-radio@yahoogroups.com, <harris-radio@yahoogroups.com> wrote:

I would appreciate anyone that can tell me the current value of my Falcon System. Consists of the R/T 5022, 125 watt amp, tuner and tray. I do not have the Harris power supply.
The surplus prices seem insane.

1617. Harris rf 270 rig for sale

Yahoo group: harris-radio
Date: 2013-09-15 17:04:03 UTC
From: wd4luq@att.net
Topic: 1617 Message: 1617

I have a Harris rf 270-5a rack mounted hf rig I
would like to sell. It is posted on qrz at this address.
http://forums.qrz.com/showthread.php?394200-Harris-rf-270-5a-1kw-all-mode-hf-rig
If interested call me at 770 445 9191 and
I can tell you all about it.
Thanks

1618. Wanted Harris 400 watt Falcon AMP

Yahoo group: harris-radio
Date: 2013-09-16 06:19:29 UTC
From: <w4jle@...>
Topic: 1618 Message: 1618

I am looking for a 400 watt amp to use with my RF-5022 R/T. I have falcon components for swap.

1619. RE: [harris-radio] Wanted Harris 400 watt Falcon AMP

Yahoo group: harris-radio
Date: 2013-09-16 13:18:09 UTC
From: Richard Johnson
Topic: 1618 Message: 1619

Check with american milspec. He had one or two for 5k.

Good luck finding one otherwise.

There are probably less than 10 being used on the air in the US by amatures.

Regards

Rich Johnson

KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: w4jle@...
Date: Sun, 15 Sep 2013 23:19:29 -0700
Subject: [harris-radio] Wanted Harris 400 watt Falcon AMP

I am looking for a 400 watt amp to use with my RF-5022 R/T. I have falcon components for swap.

1620. RE: Harris HF RF PA board.

Yahoo group: harris-radio
Date: 2013-09-16 14:09:35 UTC
From: <co8fs@...>
Topic: 1532 Message: 1620

Hi Everybody

Few weeks ago I posted some pictures of a RF PA.
Still don't know what RF PA belong to. and Y don't want to disassemble it.
What I want is to finished.
any help with the schematics.
Thanks.

Sebastian
K4BAC

--- In harris-radio@yahoogroups.com, <harris-radio@yahoogroups.com> wrote:

Hi Guys

Thank you for let me join the group.
I was at Dayton this year and I got this RF PA board, after a little googleing I found this board was made by Harris.
Does anybody knows what equipment this board belong to.
and anybody has any info about.
I want to make a high power HF PA.
Thanks again.

Sebastian Fernandez
K4BAC

P.S.

I added the board pic as K4BAC RF PA board

1621. RE: RE: [harris-radio] Wanted Harris 400 watt Falcon AMP

Yahoo group: harris-radio
Date: 2013-09-16 16:19:10 UTC
From: <prcradio@...>
Topic: 1618 Message: 1621

I would say its closer to 12.
Mike

--- In harris-radio@yahoogroups.com, <harris-radio@yahoogroups.com> wrote:

Check with american milspec. He had one or two for 5k.
Good luck finding one otherwise.
There are probably less than 10 being used on the air in the US by amatures.
Regards
Rich Johnson
KI6EZA

www.RichardSJohnson.net (http://www.richardsjohnson.net/)

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: w4jle@...
Date: Sun, 15 Sep 2013 23:19:29 -0700
Subject: [harris-radio] Wanted Harris 400 watt Falcon AMP

I am looking for a 400 watt amp to use with my RF-5022 R/T. I have falcon components for swap.

1622. R: [harris-radio] Wanted Harris 400 watt Falcon AMP

Yahoo group: harris-radio
Date: 2013-09-16 21:03:59 UTC
From: Federico Baldi
Topic: 1618 Message: 1622

Hi Rich KI6EZA you can add one FALCON STATION in Italy see this link :

<http://groups.yahoo.com/neo/groups/milpack/photos/albums/889558811>
http://groups.yahoo.com/neo/groups/milpack/photos/albums/889558811

RF-5020 + RF-5034PA-400 + RF-5054PS-400 + ATU

73e de Federico IZ1FID

Da: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] Per conto di Richard Johnson
Inviato: lunedì 16 settembre 2013 15.18
A: harris-radio@yahoogroups.com
Oggetto: RE: [harris-radio] Wanted Harris 400 watt Falcon AMP

Check with american milspec. He had one or two for 5k.
Good luck finding one otherwise.
There are probably less than 10 being used on the air in the US by amatures.
Regards
Rich Johnson
KI6EZA

www.RichardSJohnson.net <http://www.richardsjohnson.net/>

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms "
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: w4jle@...
Date: Sun, 15 Sep 2013 23:19:29 -0700
Subject: [harris-radio] Wanted Harris 400 watt Falcon AMP

I am looking for a 400 watt amp to use with my RF-5022 R/T. I have falcon components for swap.

_____ Information from ESET NOD32 Antivirus, version of virus signature database 8809 (20130916) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

1623. RF3200 help

Yahoo group: harris-radio
Date: 2013-09-17 15:58:55 UTC
From: MANUEL H CORTES B
Topic: 1623 Message: 1623

I am needing help for fixing a Harris RF3200 Logic Board, or replace it for a complete A7 PWB assembly in working condition.
Can any one help me? Thanks in advance
Manuel hk6des

1624. Re: [harris-radio] RF3200 help

Yahoo group: harris-radio
Date: 2013-09-17 21:37:09 UTC
From: Trevor Liburd
Topic: 1623 Message: 1624

What are the issues you are having with the board? Since one of your
options is to fix it,

v44kai.....Joel.

On Tue, Sep 17, 2013 at 11:58 AM, MANUEL H CORTES B <hk3des@...>wrote:

> **
>
>
> I am needing help for fixing a Harris RF3200 Logic Board, or replace it
> for a complete A7 PWB assembly in working condition.
> Can any one help me? Thanks in advance
> Manuel hk6des
>
>
>

--
v44kai.....Joel.

1625. RE: [harris-radio] RF3200 help

Yahoo group: harris-radio
Date: 2013-09-17 23:28:21 UTC
From: <w5dtw1@...>
Topic: 1623 Message: 1625

Yes please describe the issues, the biggest issue I have had with any of my old Harris radios are the tantalum capacitors, and I think the Logic board has a memory battery that could leak and cause problems.

Craig

W5DTW

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of MANUEL H CORTES B
Sent: Tuesday, September 17, 2013 10:59 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF3200 help

I am needing help for fixing a Harris RF3200 Logic Board, or replace it for a complete A7 PWB assembly in working condition.

Can any one help me? Thanks in advance

Manuel hk6des

1626. Re: [harris-radio] RF3200 help

Yahoo group: harris-radio
Date: 2013-09-18 08:15:23 UTC
From: MANUEL H CORTES B
Topic: 1623 Message: 1626

As soon the radio is ON, you hear like spark noises in the speaker, the red fault lihgt goes on and off, and make
differents crasy things.
I have changed the A7 Board using my radio A7 Board which is working fine, and the radio works OK.
I have changed the DS1225AD memory only, using my radio DS1225 memory (is OK until 2018 year) and still makes crasy things.

Sometimes the radio works fine during some minutes and can hear stations and the RX and TX acts properly. The display is OK, the A8 board is OK.
I Will replace all the Tantalium caps.
Thanks for your help and please excuse my english.
Manuel hk6des

1627. RE: [harris-radio] RF3200 help

Yahoo group: harris-radio
Date: 2013-09-18 15:04:41 UTC
From: Roger Waldmiller
Topic: 1623 Message: 1627

Hello Manuel;

It is possible that the SRAM DS1225ad has gotten contaminated.

The usual cause of contamination is the powering up of the radio, and sometime just age.

If the radio is on and then turned OFF and immediately turned back on, or if there is a power supply on/off fluctuation. This can cause the CPGU reset function to cause the DS1225 contamination.

When you changed the DS1225 SRAM was the unit normal then and the problems started much time later.?

Do you normally keep the unit On or do you shut it off when not in use.?

Have you seen a power (DC) fluctuation, during storms or turned the power supply off/on rapidly?, or the radio turn off/on rapidly?

The logic bds rev A,B,C,D.E,F have a Q1,Q2 just above the JMP1,JMP2 positions on the A7 , center of the bd.

Logic bd rev K already has the mod installed ..called U62

There is a solution to the reset Harris field instruction 10212-1253.

It involves a daughter bd mounted in place of Q1,Q2,jmp1,jmp2

I have more info and parts on this

Contact me direct.

Waldrgr@...

First I would replace the Sram again and see if the unit returns back to normal...do not turn on/off/on rapidly.

Then add the reset mod.

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of MANUEL H CORTES B
Sent: Wednesday, September 18, 2013 4:15 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF3200 help

As soon the radio is ON, you hear like spark noises in the speaker, the red fault lihgt goes on and off, and make

differents crasy things.

I have changed the A7 Board using my radio A7 Board which is working fine, and the radio works OK.

I have changed the DS1225AD memory only, using my radio DS1225 memory (is OK until 2018 year) and still makes crasy things.

Sometimes the radio works fine during some minutes and can hear stations and the RX and TX acts properly. The display is OK, the A8 board is OK.

I Will replace all the Tantalium caps.

Thanks for your help and please excuse my english.

Manuel hk6des

1628. Re: [harris-radio] RF3200 help

Yahoo group: harris-radio
Date: 2013-09-18 15:53:35 UTC
From: Trevor Liburd
Topic: 1623 Message: 1628

You should take the board out and check all the tantalum caps, for short or low ohm readings, if unsure lift one leg of each one, then solder back in place the lifted leg of each cap one by one until you find one that act abnormal, if you find one mark it with a marker or take it out, donot replace any, until you found all the bad caps, I'm not home else I could tell the ones I have found bad in the passed, I had the exact same problem, with the guidance from Roger alphapapa, I was up and running again, it was about 4-6 caps, if you check the service manual all of them are connected to load resistor, so you may see the resistors burnt,

v44kai.....Joel.

On Wed, Sep 18, 2013 at 4:15 AM, MANUEL H CORTES B <hk3des@...> wrote:

> **
>
>
>
> As soon the radio is ON, you hear like spark noises in the speaker, the
> red fault lihgt goes on and off, and make
> differents crasy things.
> I have changed the A7 Board using my radio A7 Board which is working fine,
> and the radio works OK.
> I have changed the DS1225AD memory only, using my radio DS1225 memory (is
> OK until 2018 year) and still makes crasy things.
>
> Sometimes the radio works fine during some minutes and can hear stations
> and the RX and TX acts properly. The display is OK, the A8 board is OK.
> I Will replace all the Tantalium caps.
> Thanks for your help and please excuse my english.
> Manuel hk6des
>
>
>
>

--
v44kai.....Joel.

1629. Re: [harris-radio] RF3200 help

Yahoo group: harris-radio
Date: 2013-09-19 14:08:52 UTC
From: MANUEL H CORTES B
Topic: 1623 Message: 1629

Hi Trevor:
I have the Board out the radio, and can see is a 3 layer PCB.
Removing the caps must be done with care and have to use special desoldering tools.
I use Solder Wicks normally.
Thanks again
Manuel hk6des

1630. RT-138

Yahoo group: harris-radio
Date: 2013-09-19 13:59:44 UTC
From: <Stuartjmckinnon@...>
Topic: 1630 Message: 1630

Group

Can you help, I have just taken one of my 138's out of spare bedroom applied two new batts to it, and then Blank, I have had brain freeze, can someone let me know the opening sequence to select a simple clr frequency, I am afriad my operators handbook is in deep storage, and one of the things that comes up is secure, so not sure how to clr that

Thanks in advance, I had forgotten how nice this beast is, hope to get it on air on 3.615Khz for the various VMARS nets, and also on the 60 mtr allocation, it will be something differnt from the RT 320/2 that I normally go on with, or sometimes a racal Syncal 30 (931 XH), my versions were purchased as an UOR Urgent operational Requiement and used on Op Veritas, I was very lucky to secure these units and the great part about them is they still use the same batt as is in use today on other Harris/GD products Hi Hi !

Cheers all

I know someone will come to my rescue, BTW is there a quick reference card for the 138 ??

Stuart
G0TBI

1631. RE: [harris-radio] RT-138

Yahoo group: harris-radio
Date: 2013-09-20 00:06:38 UTC
From: Richard Johnson
Topic: 1630 Message: 1631

Rotate channel knob to 0 and enter freq, hit enter again and on air you go.

To: harris-radio@yahoogroups.com
From: Stuartjmckinnon@...
Date: Thu, 19 Sep 2013 06:59:44 -0700
Subject: [harris-radio] RT-138

Group

Can you help, I have just taken one of my 138's out of spare bedroom applied two new batts to it, and then Blank, I have had brain freeze, can someone let me know the opening sequence to select a simple clr frequency, I am afriad my operators handbook is in deep storage, and one of the things that comes up is secure, so not sure how to clr that

Thanks in advance, I had forgotten how nice this beast is, hope to get it on air on 3.615Khz for the various VMARS nets, and also on the 60 mtr allocation, it will be something differnt from the RT 320/2 that I normally go on with, or sometimes a racal Syncal 30 (931 XH), my versions were purchased as an UOR Urgent operational Requiement and used on Op Veritas, I was very lucky to secure these units and the great part about them is they still use the same batt as is in use today on other Harris/GD products Hi Hi !

Cheers all

I know someone will come to my rescue, BTW is there a quick reference card for the 138 ??

Stuart
G0TBI

1632. harris RF382-A15 service manual needed

Yahoo group: harris-radio
Date: 2013-09-21 08:48:49 UTC
From: <eng1tahseen@...>
Topic: 1632 Message: 1632

```
helllo harris group,
harris RF382-A15 service manual needed please
regards
```

1633. Harris R2368: DC-DC converter P/N 10215-2250

Yahoo group: harris-radio
Date: 2013-09-24 04:53:41 UTC
From: Berndt Josef Wulf
Topic: 1633 Message: 1633

G'day,

I'm still looking for a R2368/URR receiver DC/DC converter, -15V in and +35V out, as found on the A13A2 board that supplies the the anode voltage for the VFD displays.

The DC/DC converter is a potted device and not a repairable item. Similar devices used in other Harris radios such as the RF-1310 are too large with a different foot print to fit. Failing to find a replacement for the DC/DC converter, I would also be happy to consider purchasing the A13A2 board.

73, Berndt
VK5ABN

1634. WTB: Harris RF-654 antenna multicoupler

Yahoo group: harris-radio
Date: 2013-09-24 04:55:13 UTC
From: Berndt Josef Wulf
Topic: 1634 Message: 1634

G'day,

the subject line says it all. Please contact me if you have one for sale.

73, Berndt
VK5ABN

1635. HUB circuit to be rechargeable

Yahoo group: harris-radio
Date: 2013-09-24 10:07:03 UTC
From: Eng.Tahseen Alshqairat
Topic: 1635 Message: 1635

dear sir

i have an idea about making the HUB battery rechargeable, charging and disabled when the device is on vehicle power source and, discharging and enabled when the device is OFF.

this idea came to me after out of the sudden a huge number (100+) of RT2100 (Datron devices) came my workshop need to change the processor batter (similar to HUB), i do not want this problem to show up in the future with Harris devices.

is this OK to do with the devices out of warranty?

Long live the Avengers,

Eng. Tahseen Norzad AlSqairat
Mob. (Jordan): (962) 789507031
Mob. (USA): +1(762) 218-2210
skype name: eng1tahseen1
Husn, Irbid 21510
Hashemit Kingdom of Jordan

1636. RE: [harris-radio] HUB circuit to be rechargeable

Yahoo group: harris-radio
Date: 2013-09-24 11:42:38 UTC
From: W2HX
Topic: 1635 Message: 1636

Who are the avengers?

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Eng.Tahseen Alshqairat
Sent: Tuesday, September 24, 2013 6:07 AM
To: mark phipps
Subject: [harris-radio] HUB circuit to be rechargeable

dear sir

i have an idea about making the HUB battery rechargeable, charging and disabled when the device is on vehicle power source and, discharging and enabled when the device is OFF.

this idea came to ! me after out of the sudden a huge number (100+) of RT2100 (Datron devices) came my workshop need to change the processor batter (similar to HUB), i do not want this problem to show up in the future with Harris devices.
is this OK to do with the devices out of warranty?

Long live the Avengers,

Eng. Tahseen Norzad AlSqairat
Mob. (Jordan): (962) 789507031
Mob. (USA): +1(762) 218-2210
skype name: eng1tahseen1
Husn, Irbid 21510
Hashemit Kingdom of Jordan

1637. Petition to change yahoo groups back

Yahoo group: harris-radio
Date: 2013-09-25 19:42:39 UTC
From: <jcaldwell@...>
Topic: 1637 Message: 1637

All,
This petition was started by someone on the Manual_Exchange group. No idea if it will work, but I figure we have nothing to loose....

http://www.change.org/petitions/yahoo-groups-i-want-the-old-yahoo-groups-back?share_id=buBZXMOplr&utm_campaign=signature_receipt&utm_medium=email&utm_source=share_petition

John WD8INC

1638. Re: [harris-radio] Petition to change yahoo groups back

Yahoo group: harris-radio
Date: 2013-09-25 21:07:39 UTC
From: bobsayers2000
Topic: 1637 Message: 1638

Hmmm, I'm all in favour of the spirit of this, but struggle to understand why the form requires a street address and postcode?

Bov, G8IYK

Sent from Samsung Mobile

-------- Original message --------
From: jcaldwell@rbcos.com
Date: 2013/09/25 20:42 (GMT+00:00)
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Petition to change yahoo groups back

All,

This petition was started by someone on the Manual_Exchange group. No idea if it will work, but I figure we have nothing to loose....

http://www.change.org/petitions/yahoo-groups-i-want-the-old-yahoo-groups-back?share_id=buBZXMOplr&utm_campaign=signature_receipt&utm_medium=email&utm_source=share_petition

John WD8INC

1639. Harris 5800 H MP operations manual needed ASAP

Yahoo group: harris-radio
Date: 2013-09-26 23:23:59 UTC
From: <strandbiker1@...>
Topic: 1639 Message: 1639

Good afternoon all! We have several Harris 5800 H MP at work and I need an operations manual ASAP for programming and ALE. Thanks for the help

Skip KD6JA

1640. Re: Harris R2368: DC-DC converter P/N 10215-2250

Yahoo group: harris-radio
Date: 2013-09-29 01:11:25 UTC
From: cwpoway
Topic: 1633 Message: 1640

Hello, You may already know this, but the R2568A , R2568B, and R2557 Receivers have part# 10215-2560 converter module on the A13 card which is repairable. I have repaired the 2560's but have never seen the potted version, but I noticed that the 2568 manual only gives the 2550 part # while the A&B manuals give the 2560 part# with schematics and part locations. There is one circuit card assy. part # 10215-2570 inside which has all the components on it. Charlie WD6ELT

--- In harris-radio@yahoogroups.com, Berndt Josef Wulf wrote:

>
> G'day,
>
> I'm still looking for a R2368/URR receiver DC/DC converter, -15V in and
> +35V out, as found on the A13A2 board that supplies the the anode
> voltage for the VFD displays.
>
> The DC/DC converter is a potted device and not a repairable item.
> Similar devices used in other Harris radios such as the RF-1310 are too
> large with a different foot print to fit. Failing to find a replacement
> for the DC/DC converter, I would also be happy to consider purchasing
> the A13A2 board.
>
> 73, Berndt
> VK5ABN
>

1641. Harris 5020

Yahoo group: harris-radio
Date: 2013-09-29 21:55:27 UTC
From: <prc74b@...>
Topic: 1641 Message: 1641

The set powers up, a pop from the speaker when powered on. Freqs and other settings can be programed into the set. But no audio out, and no transmit. When switched to TEST, Reads::
TEST FAILED
RADIO COMM FAULT

appears. Any idea as to what could be causing this. I changed out the front panel, Micro board, IF board, Power Board, to no joy.
Joe Munson
WA4VAG
513-919-1210

1642. RE: [harris-radio] Harris 5020

Yahoo group: harris-radio
Date: 2013-09-29 22:14:17 UTC
From: W2HX
Topic: 1641 Message: 1642

Sounds like the communication between boards is not happening. I wonder if you have a spare CPU board to swap. Do you have a manual?

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of prc74b@fuse.net
Sent: Sunday, September 29, 2013 5:55 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris 5020

The set powers up, a pop from the speaker when powered on. Freqs and other settings can be programed into the set. But no audio out, and no transmit. When switched to TEST, Reads::
TEST FAILED
RADIO COMM FAULT

appears. Any idea as to what could be causing this. I changed out the front panel, Micro board, IF board, Power Board, to no joy.
Joe Munson
WA4VAG
513-919-1210

1643. RE: [harris-radio] Harris 5020

Yahoo group: harris-radio
Date: 2013-09-30 01:26:39 UTC
From: Roger Waldmiller
Topic: 1641 Message: 1643

Have you checked the A6 CPU card battery. It is round at 3.6v

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of prc74b@...
Sent: Sunday, September 29, 2013 5:55 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris 5020

The set powers up, a pop from the speaker when powered on. Freqs and other settings can be programed into the set. But no audio out, and no transmit. When switched to TEST, Reads::
TEST FAILED

RADIO COMM FAULT

appears. Any idea as to what could be causing this. I changed out the front panel, Micro board, IF board, Power Board, to no joy.
Joe Munson
WA4VAG
513-919-1210

1644. Re: [harris-radio] Harris 5020

Yahoo group: harris-radio
Date: 2013-09-30 03:55:15 UTC
From: Joe Munson
Topic: 1641 Message: 1644

Hi Roger,

Well, that battery is dead. Do you have any idea as to where to obtain one. I tried all the usual suspects, digitakey, all-battery, Mouser, etc. Digikey sells a 1/2 A 3.9 volt that i may be able to off wire and fasten to the interior somehow. . The other two batteries, one in the front panel and the other square battery on the the other processor board check good.

Thanks for any help Roger,

Joe Munson
WA4VAG
513-919-1210

1645. Re: [harris-radio] Re: Harris R2368: DC-DC converter P/N 10215-2250

Yahoo group: harris-radio
Date: 2013-09-30 07:28:31 UTC
From: Berndt Josef Wulf
Topic: 1633 Message: 1645

G'day Charlie,

many thanks for your reply and suggestions. I do have a circuit for the converter used in the RF-1310, but it won't help fixing the original item that is potted. The older converters are also much larger and won't fit. It appears the only option is to fabricate a replacement that fits into the space.

73, Berndt
VK5ABN

On Sun, 2013-09-29 at 01:11 +0000, cwpoway wrote:
> Hello, You may already know this, but the R2568A , R2568B, and R2557
> Receivers have part# 10215-2560 converter module on the A13 card which
> is repairable. I have repaired the 2560's but have never seen the
> potted version, but I noticed that the 2568 manual only gives the 2550
> part # while the A&B manuals give the 2560 part# with schematics and
> part locations. There is one circuit card assy. part # 10215-2570
> inside which has all the components on it. Charlie WD6ELT
> --- In harris-radio@yahoogroups.com, Berndt Josef Wulf wrote:
> >

1646. Re: [harris-radio] Re: Harris R2368: DC-DC con verter P/N 10215-2250

Yahoo group: harris-radio
Date: 2013-09-30 19:53:33 UTC
From: Brooke Clarke
Topic: 1633 Message: 1646

Hi Berndt:

You may be able to buy on eBay a DC-DC converter that's small and meets the technical requirements for almost nothing.

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

Berndt Josef Wulf wrote:
> G'day Charlie,
>
> many thanks for your reply and suggestions. I do have a circuit for the
> converter used in the RF-1310, but it won't help fixing the original
> item that is potted. The older converters are also much larger and won't
> fit. It appears the only option is to fabricate a replacement that fits
> into the space.
>
> 73, Berndt
> VK5ABN
>
> On Sun, 2013-09-29 at 01:11 +0000, cwpoway wrote:
>> Hello, You may already know this, but the R2568A , R2568B, and R2557
>> Receivers have part# 10215-2560 converter module on the A13 card which
>> is repairable. I have repaired the 2560's but have never seen the
>> potted version, but I noticed that the 2568 manual only gives the 2550
>> part # while the A&B manuals give the 2560 part# with schematics and
>> part locations. There is one circuit card assy. part # 10215-2570
>> inside which has all the components on it. Charlie WD6ELT
>> --- In harris-radio@yahoogroups.com, Berndt Josef Wulf wrote:
>
>
>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC
from outside your home or business?
>
> www.2mypc.netYahoo! Groups Links
>

>
>
>
>

1647. Re: Harris R2368: DC-DC converter P/N 10215-2250

Yahoo group: harris-radio
Date: 2013-10-01 13:11:11 UTC
From: Tisha Hayes
Topic: 1647 Message: 1647

You can find really tiny DC/DC converters on ePay. For example, here is one that costs $3.24. It takes an input of 5-32 VDC and can provide an output of 6-35 VDC at 15 watts.

190841738114

This is 4.1 x 2.2 x 1.1 cm in size

I have used a few similar devices to provide B+ on R-392 receivers (normally a 28 VDC radio, I was able to boost up the B+ to 40 VDC)

--
Ms. Tisha Hayes/ AA4HA

Republics decline into democracies and democracies degenerate into despotisms.

1648. Re: [harris-radio] Re: Harris R2368: DC-DC converter P/N 10215-2250

Yahoo group: harris-radio
Date: 2013-10-01 21:23:50 UTC
From: Berndt Josef Wulf
Topic: 1647 Message: 1648

G'day Tisha,

many thanks for your reply. The DC/DC converter in the R2368 uses -15V rail to produce 35VDC and 6VAC for the VFD's. I looked on eBay and failed to find anything suitable. There also isn't much space for any replacement to fit and hence I'm keen to find an original part of a replacement board.

73, Berndt
VK5ABN

On Tue, 2013-10-01 at 08:11 -0500, Tisha Hayes wrote:
>
>
> You can find really tiny DC/DC converters on ePay. For example, here
> is one that costs $3.24. It takes an input of 5-32 VDC and can provide
> an output of 6-35 VDC at 15 watts.
>
>
> 190841738114
>
>
> This is 4.1 x 2.2 x 1.1 cm in size
>
>
> I have used a few similar devices to provide B+ on R-392 receivers
> (normally a 28 VDC radio, I was able to boost up the B+ to 40 VDC)
>
>
> --
> Ms. Tisha Hayes/ AA4HA
>
>
> Republics decline into democracies and democracies degenerate into
> despotisms.
>
>
>
>
>

[Non-text portions of this message have been removed]

1649. RE: Harris R2368: DC-DC converter P/N 10215-2250

Yahoo group: harris-radio
Date: 2013-10-06 04:11:34 UTC
From: <rmc321@...>
Topic: 1633 Message: 1649

Hi Berndt,

Back in 2006, the DC/DC converter on my R2368/URR receiver failed and I contacted its manufacturer, Endicott Research Group, and bought another one. It wasn't cheap, but it was the easy fix. I don't know if they still stock the part, nor do I know if the same people work at the company. But, if it could help, I have included the email response that a Mr. Jim Rising sent to me more than seven years ago.

Regards,
Richard N5AL

-=-=-=-=-=-=-=--= A REALLY OLD EMAIL=-=--=--=--=-=-=-

Hello Richard,

Apologies for taking so long to respond, however it took some research to determine the status of this part number. I can tell you that 10215-2250 was a custom part number for Harris and is now obsolete. The equivalent ERG part number is E815-E430VF, and this is still an active part number that can be obtained directly from ERG.

Also, you are correct about the inputs and outputs of this part.

The following is the necessary information for purchasing this part:

<> The price for 1-9 pieces of E815-E430VF is $104.00 each.
<> The normal lead time to ship is 5-6 weeks after booking your order. However we have a few pieces in stock that can be shipped quickly.
<> Shipping charges are additional. We normally ship by Fedex Economy (Ground). However, if you have a shippers account with a firm such as Fedex, DHL, UPS, etc., we would request that you provide that account number.
<> We need a complete shipping address.
<> Since you are a new customer to us, we request that you prepay by credit card (Visa or Mastercard only).

Please contact Tracy Kusterbeck, your ERG Customer Service Representative (tkusterbeck@ergpower.com or 607-754-9187 x3028) with information on the number of pieces you intend to purchase, shipping method, your shipping address, and how you intend to make payment.

If you have other questions, please contact me.

Sincerely,

Jim Rising Jr.
Marketing
Endicott Research Group Inc.
Phone: 607-754-9187
Fax: 607-754-9255

sales@ergpower.com

---In harris-radio@yahoogroups.com, <harris-radio@yahoogroups.com> wrote:

G'day,

I'm still looking for a R2368/URR receiver DC/DC converter, -15V in and +35V out, as found on the A13A2 board that supplies the the anode voltage for the VFD displays.

The DC/DC converter is a potted device and not a repairable item. Similar devices used in other Harris radios such as the RF-1310 are too large with a different foot print to fit. Failing to find a replacement for the DC/DC converter, I would also be happy to consider purchasing the A13A2 board.

73, Berndt
VK5ABN

-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=-=

1650. RE: Harris 5800 H MP operations manual needed ASAP

Yahoo group: harris-radio
Date: 2013-10-09 19:15:31 UTC
From: <eng1tahseen@...>
Topic: 1639 Message: 1650

i have the procedure of ALE programming:
COMPLETE
ارجع إلى الفقرة 9-ج- 4 ويتم الاختيار كما يلي : :ALE (2
CALL 1) الضغط على)
MANUAL. AUTOMATIC 2) اختيار طريقة النداء)
ENT (3)
INDIVIDUAL . NET .ANY. ALL 4) نوع النداء)
ENT (5)
6) عنوان المحطة أو اسم الشبكة)
.LINKED ثم الانتظار حتى تظهر ENT (7)

```
---In harris-radio@yahoogroups.com, <strandbiker1@...> wrote:

Good afternoon all! We have several Harris 5800 H MP at work and I need an operations
manual ASAP for programming and ALE. Thanks for the help

Skip KD6JA
```

1651. 138-pc programming help

Yahoo group: harris-radio
Date: 2013-10-10 04:51:01 UTC
From: Richard Johnson
Topic: 1651 Message: 1651

Its been a long time since I plugged a radio into a computer. Ive always been more of a hand jam through the front pannel kinda guy.

I had previously programmed the 150 with a pc back when I was in the brigade S-6.

Any way I was finally trying to program my 138 with the harris software.

I changed the comm port 1 set up to the same 2400bit 8 bits etc as the 138 port configure says and then I put the 138 on remote and open the software but I cant figure out how to read the radio. Its like it really isnt connected.

I see a greyed out button with an icon of a radio with an arrow and when you highlit it with the mouse pointer it says program radio but its not available.

Any help out there guys?

Rich Johnson

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

1652. RE: 138-pc programming help

Yahoo group: harris-radio
Date: 2013-10-10 17:55:01 UTC
From: <stevesykes@...>
Topic: 1651 Message: 1652

Rich,
What software are you using? Falcom or RPA? I also assume that this is an older 138, not a V2 model.

Steve KD2OM

---In harris-radio@yahoogroups.com, <harris-radio@yahoogroups.com> wrote:

Its been a long time since I plugged a radio into a computer. Ive always been more of a hand jam through the front pannel kinda guy.
I had previously programmed the 150 with a pc back when I was in the brigade S-6.

Any way I was finally trying to program my 138 with the harris software.
I changed the comm port 1 set up to the same 2400bit 8 bits etc as the 138 port configure says and then I put the 138 on remote and open the software but I cant figure out how to read the radio. Its like it really isnt connected.
I see a greyed out button with an icon of a radio with an arrow and when you highlit it with the mouse pointer it says program radio but its not available.

Any help out there guys?
Rich Johnson

www.RichardSJohnson.net http://www.richardsjohnson.net/

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Thomas Jefferson

1653. Re: [harris-radio] 138-pc programming help

Yahoo group: harris-radio
Date: 2013-10-10 17:59:34 UTC
From: Brooke Clarke
Topic: 1651 Message: 1653

Hi Richard:

I was not able to program the PRC-138 because modern computers do not allow direct access to the COM port.
A possible fix is to boot the computer from a thumb drive, or if an older computer a CD or floppy disk with DOS.
Then you will have access to the COM port IF you computer has a com port.

My Toughbook needed a new CD/DVD drive and by the time that was done I needed to return the PRC-138.
http://www.prc68.com/I/CF30Toughbook.shtml

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

Richard Johnson wrote:
>
>
> Its been a long time since I plugged a radio into a computer. Ive always been more of a hand jam through the front
> pannel kinda guy.
> I had previously programmed the 150 with a pc back when I was in the brigade S-6.
>
> Any way I was finally trying to program my 138 with the harris software.
> I changed the comm port 1 set up to the same 2400bit 8 bits etc as the 138 port configure says and then I put the 138
> on remote and open the software but I cant figure out how to read the radio. Its like it really isnt connected.
> I see a greyed out button with an icon of a radio with an arrow and when you highlit it with the mouse pointer it says
> program radio but its not available.
>
>
>
> Any help out there guys?
> Rich Johnson
>
> www.RichardSJohnson.net <http://www.richardsjohnson.net/>
>
> "Those who enjoy freedom must endeavor to preserve it."
>
>
> "No free man shall ever be debarred the use of arms?"

> Thomas Jefferson
>
>
>
>
>

1654. RE: [harris-radio] RE: 138-pc programming help

Yahoo group: harris-radio
Date: 2013-10-10 18:12:34 UTC
From: Richard Johnson
Topic: 1651 Message: 1654

I have a 138 V2 and I am using the harris software that lists the 138 in its menu of programmable radios.

Brooke, I'm using an itronix go book that is a P2 XP machine. It should work, I can configure the comm port through the system hardware tab in control panel.

If I can configure the the RS232 comm port why would the computer not let me use it? Makes no sense.
Rich Johnson

To: harris-radio@yahoogroups.com
From: stevesykes@....com
Date: Thu, 10 Oct 2013 10:55:01 -0700
Subject: [harris-radio] RE: 138-pc programming help

Rich,
What software are you using? Falcom or RPA? I also assume that this is an older 138, not a V2 model.

Steve KD2OM

---In harris-radio@yahoogroups.com, <harris-radio@yahoogroups.com> wrote:

Its been a long time since I plugged a radio into a computer. Ive always been more of a hand jam through the front pannel kinda guy.

I had previously programmed the 150 with a pc back when I was in the brigade S-6.

Any way I was finally trying to program my 138 with the harris software.

I changed the comm port 1 set up to the same 2400bit 8 bits etc as the 138 port configure says and then I put the 138 on remote and open the software but I cant figure out how to read the radio. Its like it really isnt connected.

I see a greyed out button with an icon of a radio with an arrow and when you highlit it with the mouse pointer it says program radio but its not available.

Any help out there guys?

Rich Johnson

www.RichardSJohnson.net

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Thomas Jefferson

1655. RE: [harris-radio] RE: 138-pc programming help

Yahoo group: harris-radio
Date: 2013-10-10 18:17:50 UTC
From: dfemer
Topic: 1651 Message: 1655

Rich, try Hyperterm its all ascii any how. What Harris software are you using? I can send the Falcon software if you want to try that. Do you have the command set?
Dud

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Richard Johnson
Sent: Thursday, October 10, 2013 11:13 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RE: 138-pc programming help

I have a 138 V2 and I am using the harris software that lists the 138 in its menu of programmable radios.

Brooke, I'm using an itronix go book that is a P2 XP machine. It should work, I can configure the comm port through the system hardware tab in control panel.

If I can configure the the RS232 comm port why would the computer not let me use it? Makes no sense.
Rich Johnson

To: harris-radio@yahoogroups.com
From: stevesykes@...
Date: Thu, 10 Oct 2013 10:55:01 -0700
Subject: [harris-radio] RE: 138-pc programming help

Rich,
What software are you using? Falcom or RPA? I also assume that this is an older 138, not a V2 model.

Steve KD2OM

---In harris-radio@yahoogroups.com, <harris-radio@yahoogroups.com> wrote:
Its been a long time since I plugged a radio into a computer. Ive always been more of a hand jam through the front pannel kinda guy.
I had previously programmed the 150 with a pc back when I was in the brigade S-6.

Any way I was finally trying to program my 138 with the harris software.
I changed the comm port 1 set up to the same 2400bit 8 bits etc as the 138 port configure says and then I put the 138 on remote and open the software but I cant figure out how to read the radio. Its like it really isnt connected.
I see a greyed out button with an icon of a radio with an arrow and when you highlit it with the mouse pointer it says program radio but its not

available.

Any help out there guys?
Rich Johnson

www.RichardSJohnson.net <http://www.richardsjohnson.net/>

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Thomas Jefferson

1656. RE: [harris-radio] RE: 138-pc programming help

Yahoo group: harris-radio
Date: 2013-10-10 18:26:59 UTC
From: Richard Johnson
Topic: 1651 Message: 1656

I do not know what a command set is...
I am pretty sure its the falcon software. Its for the 138 or the 150 or the 5022E. It comes with some type of modem software that is just for the 150 so I'm not using that.
Rich Johnson

To: harris-radio@yahoogroups.com
From: dfemer@...
Date: Thu, 10 Oct 2013 11:17:50 -0700
Subject: RE: [harris-radio] RE: 138-pc programming help

Rich, try Hyperterm its all ascii any how. What Harris software are you using? I can send the Falcon software if you want to try that. Do you have the command set?
Dud From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Richard Johnson
Sent: Thursday, October 10, 2013 11:13 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RE: 138-pc programming help

I have a 138 V2 and I am using the harris software that lists the 138 in its menu of programmable radios.

Brooke, I'm using an itronix go book that is a P2 XP machine. It should work, I can configure the comm port through the system hardware tab in control panel.

If I can configure the the RS232 comm port why would the computer not let me use it? Makes no sense.
Rich JohnsonTo: harris-radio@yahoogroups.com
From: stevesykes@rochester.rr.com
Date: Thu, 10 Oct 2013 10:55:01 -0700
Subject: [harris-radio] RE: 138-pc programming help

Rich,
What software are you using? Falcom or RPA? I also assume that this is an older 138, not a V2 model.

Steve KD2OM

---In harris-radio@yahoogroups.com, <harris-radio@yahoogroups.com> wrote:Its been a long time since I plugged a radio into a computer. Ive always been more of a hand jam through the front pannel kinda guy.
I had previously programmed the 150 with a pc back when I was in the brigade S-6.

Any way I was finally trying to program my 138 with the harris software.
I changed the comm port 1 set up to the same 2400bit 8 bits etc as the 138 port configure says and then I put the 138 on remote and open the software but I cant figure out how to read the radio. Its like it really isnt connected.
I see a greyed out button with an icon of a radio with an arrow and when you highlit it

with the mouse pointer it says program radio but its not available.

Any help out there guys?
Rich Johnson

www.RichardSJohnson.net

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"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

1657. Help PC programming PRC-138 with software

Yahoo group: harris-radio
Date: 2013-10-11 03:09:12 UTC
From: Richard Johnson
Topic: 1657 Message: 1657

Ok guys there is some confusion here, apparantly you guys think I am running a DOS base FALCOM program, I am not.

I have the Harris RF 6550H HF Radio Programming Application HF RPA6.0

Its like using the motorola or kenwood software etc. Just populate the fields and load.

In the software it supports the 5022(E), the PRC138, PRC150 RF5800 and PRC-117

In socuring everything that came with it there is a seperate driver install setup. The driver set up is for Pocket PC2003, WMCE or desktop. In going through the desktop you select the bitrate, all available are over 100000, selecting unknown brings up a list of all the radios and their bitrates, the 138 and 5022 are not shown, hence the driver file setup does not include the driver for the PRC-138 at 2400 bitrate.

I need the PRC-138 driver for this Harris RPA 6.0

Does anybody out there have it? Without it I cannt connect to the 138 through com1 as far as I can tell.

I think I connected to the 138 with hyperlink and I tried TAC Chat but the set up instructions for that are for winNT or 2000 and for a modem dial in, cant get it to work on com1.

Any input from you guys?

Regards

Rich Johnson

Ki6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

1658. RE: Help PC programming PRC-138 with software

Yahoo group: harris-radio
Date: 2013-10-13 16:17:05 UTC
From: <seastar@...>
Topic: 1657 Message: 1658

The PRC-138/RF-5022 doesn't use a driver for the RPA. You need to set the radio's Remote port to the same speed as your PC Com port (as shown when you activate the Program Radio function).
Of course, the Program Radio function will remain disabled until you have a Validated plan to load the radio with. Earlier versions of the RPA did not require validation first but v6.0 and higher do.

Mark
N2FYS

---In harris-radio@yahoogroups.com, <harris-radio@yahoogroups.com> wrote:

Ok guys there is some confusion here, apparantly you guys think I am running a DOS base FALCOM program, I am not.

I have the Harris RF 6550H HF Radio Programming Application HF RPA6.0
Its like using the motorola or kenwood software etc. Just populate the fields and load.

In the software it supports the 5022(E), the PRC138, PRC150 RF5800 and PRC-117
In socuring everything that came with it there is a seperate driver install setup. The driver set up is for Pocket PC2003, WMCE or desktop. In going through the desktop you select the bitrate, all available are over 100000, selecting unknown brings up a list of all the radios and their bitrates, the 138 and 5022 are not shown, hence the driver file setup does not include the driver for the PRC-138 at 2400 bitrate.

I need the PRC-138 driver for this Harris RPA 6.0
Does anybody out there have it? Without it I cannt connect to the 138 through com1 as far as I can tell.

I think I connected to the 138 with hyperlink and I tried TAC Chat but the set up instructions for that are for winNT or 2000 and for a modem dial in, cant get it to work on com1.

Any input from you guys?
Regards
Rich Johnson
Ki6EZA

www.RichardSJohnson.net http://www.richardsjohnson.net/

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Thomas Jefferson

1659. RE: [harris-radio] RE: Help PC programming PRC-138 with software

Yahoo group: harris-radio
Date: 2013-10-13 16:20:12 UTC
From: W2HX
Topic: 1657 Message: 1659

Any one have a copy of this is “RPA” I’ve been hearing about? I am just curious about it. I think a popular way to program these radios is to create a text file with the commands you want. Then send this file to the radio using any terminal program.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of seastar@fujiyachts.net
Sent: Sunday, October 13, 2013 12:17 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RE: Help PC programming PRC-138 with software

The PRC-138/RF-5022 doesn't use a driver for the RPA. You need to set the radio's Remote port to the same speed as your PC Com port (as shown when you activate the Program Radio function).

Of course, the Program Radio function will remain disabled until you have a Validated plan to load the radio with. Earlier versions of the RPA did not require validation first but v6.0 and higher do.

Mark

N2FYS

---In harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>, <harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>> wrote:
Ok guys there is some confusion here, apparantly you guys think I am running a DOS base FALCOM program, I am not.

I have the Harris RF 6550H HF Radio Programming Application HF RPA6.0
Its like using the motorola or kenwood software etc. Just populate the fields and load.

In the software it supports the 5022(E), the PRC138, PRC150 RF5800 and PRC-117
In socuring everything that came with it there is a seperate driver install setup. The driver set up is for Pocket PC2003, WMCE or desktop. In going through the desktop you select the bitrate, all available are over 100000, selecting unknown brings up a list of all the radios and their bitrates, the 138 and 5022 are not shown, hence the driver file setup does not include the driver for the PRC-138 at 2400 bitrate.

I need the PRC-138 driver for this Harris RPA 6.0
Does anybody out there have it? Without it I cannt connect to the 138 through com1 as far as I can tell.

I think I connected to the 138 with hyperlink and I tried TAC Chat but the set up instructions for that are for winNT or 2000 and for a modem dial in, cant get it to work on com1.

Any input from you guys?
Regards
Rich Johnson
Ki6EZA

www.RichardSJohnson.net<http://www.richardsjohnson.net/>

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"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

1660. RE: [harris-radio] RE: Help PC programming PRC-138 with software

Yahoo group: harris-radio
Date: 2013-10-13 17:34:34 UTC
From: Richard Johnson
Topic: 1657 Message: 1660

Mark, you are the first person that knows what I am talking about.
I have RPA 6 but don't know if my 138 is connected or not.
I do have my 138 remote configured the same as com1 2400 etc etc.
I know I'm connected with FALCOM because I can get the radio to spit out channel data with the ssb prompt.

Can RPA read the radio as configured or does RPA only load the radio, (IE no read radio function)

I hate to zero all the ale and channel data I allready have programmed into my 138.

The validate plan and program radio buttons are grayed out on my software. Do you have to build an entire plan before the buttons are clickable?

Please elaborate more on RPA and how to use it.

Thank you
Rich Johnson
KI6EZA

To: harris-radio@yahoogroups.com
From: seastar@...
Date: Sun, 13 Oct 2013 09:17:05 -0700
Subject: [harris-radio] RE: Help PC programming PRC-138 with software

The PRC-138/RF-5022 doesn't use a driver for the RPA. You need to set the radio's Remote port to the same speed as your PC Com port (as shown when you activate the Program Radio function).
Of course, the Program Radio function will remain disabled until you have a Validated plan to load the radio with. Earlier versions of the RPA did not require validation first but v6.0 and higher do.

MarkN2FYS

---In harris-radio@yahoogroups.com, <harris-radio@yahoogroups.com> wrote:

Ok guys there is some confusion here, apparantly you guys think I am running a DOS base FALCOM program, I am not.

I have the Harris RF 6550H HF Radio Programming Application HF RPA6.0

Its like using the motorola or kenwood software etc. Just populate the fields and load.

In the software it supports the 5022(E), the PRC138, PRC150 RF5800 and PRC-117

In socuring everything that came with it there is a seperate driver install setup. The driver set up is for Pocket PC2003, WMCE or desktop. In going through the desktop you select the bitrate, all available are over 100000, selecting unknown brings up a list of

all the radios and their bitrates, the 138 and 5022 are not shown, hence the driver file setup does not include the driver for the PRC-138 at 2400 bitrate.

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I think I connected to the 138 with hyperlink and I tried TAC Chat but the set up instructions for that are for winNT or 2000 and for a modem dial in, cant get it to work on com1.

Any input from you guys?

Regards

Rich Johnson

Ki6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

1661. RF-5022 data plug pin out

Yahoo group: harris-radio
Date: 2013-10-14 15:48:20 UTC
From: Richard Johnson
Topic: 1661 Message: 1661

Does anybody have the pin out for the big 26pin data plug on the back of the 5022?

I want to know which pins to use and how to pin them to an rs232 db9 for PC interface.

Rich Johnson

KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

1662. RE: [harris-radio] RF-5022 data plug pin out

Yahoo group: harris-radio
Date: 2013-10-14 20:04:10 UTC
From: Roger Waldmiller
Topic: 1661 Message: 1662

Hello Richard KI6EZA

Attached are some JPGs of J5 of 5022

Hope they help.

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Richard Johnson
Sent: Monday, October 14, 2013 11:48 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5022 data plug pin out

Does anybody have the pin out for the big 26pin data plug on the back of the 5022?
I want to know which pins to use and how to pin them to an rs232 db9 for PC interface.
Rich Johnson
KI6EZA

www.RichardSJohnson.net <http://www.richardsjohnson.net/>

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms."
Thomas Jefferson

[Non-text portions of this message have been removed]

1663. RE: RF-5022 data plug pin out

Yahoo group: harris-radio
Date: 2013-10-16 08:40:39 UTC
From: <stevesykes@...>
Topic: 1661 Message: 1663

J - Signal Ground
F - Remote TX
U - Remote RX

Steve KD2OM

---In harris-radio@yahoogroups.com, <harris-radio@yahoogroups.com> wrote:

Does anybody have the pin out for the big 26pin data plug on the back of the 5022?
I want to know which pins to use and how to pin them to an rs232 db9 for PC interface.
Rich Johnson
KI6EZA

www.RichardSJohnson.net http://www.richardsjohnson.net/

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

1664. RE: [harris-radio] RE: RF-5022 data plug pin out

Yahoo group: harris-radio
Date: 2013-10-16 13:13:51 UTC
From: Richard Johnson
Topic: 1661 Message: 1664

Ok, But I need to know how to wire it to a DB 9 for pc access.

Sorry I should have clarified that.

Rich Johnson

KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: stevesykes@...
Date: Wed, 16 Oct 2013 01:40:39 -0700
Subject: [harris-radio] RE: RF-5022 data plug pin out

J - Signal Ground
F - Remote TX
U - Remote RX

Steve KD2OM

---In harris-radio@yahoogroups.com, <harris-radio@yahoogroups.com> wrote:

Does anybody have the pin out for the big 26pin data plug on the back of the 5022?
I want to know which pins to use and how to pin them to an rs232 db9 for PC interface.
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

1665. Re: [harris-radio] RE: RF-5022 data plug pin out

Yahoo group: harris-radio
Date: 2013-10-16 23:55:31 UTC
From: Lee Ciereszko
Topic: 1661 Message: 1665

For RS-232 DB 9
http://www.db9-pinout.com/

> J - Signal Ground-pin 5
> F - Remote TX-pin 3
> U - Remote RX-pin 2

If this doesn't work, flip 2 and 3.

Lee N4TCW

Where's Lee?
http://map.findu.com/n4tcw

On Oct 16, 2013, at 9:13 AM, Richard Johnson <killroy321@...> wrote:

> Ok, But I need to know how to wire it to a DB 9 for pc access.
> Sorry I should have clarified that.
> Rich Johnson
> KI6EZA
>
> www.RichardSJohnson.net
>
> "Those who enjoy freedom must endeavor to preserve it."
>
>
> "No free man shall ever be debarred the use of arms…"
> Thomas Jefferson
>
>
>
> To: harris-radio@yahoogroups.com
> From: stevesykes@...
> Date: Wed, 16 Oct 2013 01:40:39 -0700
> Subject: [harris-radio] RE: RF-5022 data plug pin out
>
>
> J - Signal Ground
> F - Remote TX
> U - Remote RX
>
> Steve KD2OM
>
>
>
> ---In harris-radio@yahoogroups.com, <harris-radio@yahoogroups.com> wrote:

>
> Does anybody have the pin out for the big 26pin data plug on the back of the 5022?
> I want to know which pins to use and how to pin them to an rs232 db9 for PC interface.
> Rich Johnson
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>
> "Those who enjoy freedom must endeavor to preserve it."
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> Thomas Jefferson
>
>
>
>

1666. RF-5833H

Yahoo group: harris-radio
Date: 2013-10-28 00:08:15 UTC
From: Marcus Julian
Topic: 1666 Message: 1666

Hi All,

I just got one of the above and trying to integrate with the PRC-138. I have an RF-382 tuner (used with other Harris stuff) but of course the coupler cable connector is different. Does anyone have any information on the connector type and pin-out. Any other information regarding the integration of these two is much appreciated.

Thanks,

Marcus

1667. R2368 Receiver Problem

Yahoo group: harris-radio
Date: 2013-10-28 01:54:30 UTC
From: <jonklinkhamer@...>
Topic: 1667 Message: 1667

Wondering if anyone saw this one before: I acquired a 2368 receiver and upon power cycling it the radio never gets out of reset, that is all display lights plus all leds are lit. That's all she wrote! I immediately started investigating the A14 board - processor board with the 8085 CPU looking for a stuck reset line. Well after a couple of hours investigating everything, I was baffled. For some reason I unsocketed the ROM and put it back in and upon turning on the power - it came up! After a couple of minutes looking at it, I ran the BITE test several times and passed all. Now here is the funny part, I turned the radio off and back on and got stuck again in reset - same original problem. I repeated the sequence of taking the ROM out and back in and again it comes up error free. Just can't turn the power off however. I'm thinking bad ROM socket, maybe dead battery - I really don't know at this point. Anyone care to enlighten me?

Thanks,
Jon/KB1DC

1668. Re: [harris-radio] RF-5833H

Yahoo group: harris-radio
Date: 2013-10-28 05:22:13 UTC
From: Eng1tahseen
Topic: 1666 Message: 1668

Same problem
Please help

Sent from Samsung Mobile
Eng. Tahseen Norzad AlSqairat
Mob. (Jordan):
(962) 789507031
Mob. (USA):
+1(762) 218-2210
skype name: eng1tahseen1 Husn, Irbid 21510

Marcus Julian <marjulcusian@gmail.com> wrote:

Hi All,

I just got one of the above and trying to integrate with the PRC-138. I have an RF-382 tuner (used with other Harris stuff) but of course the coupler cable connector is different. Does anyone have any information on the connector type and pin-out. Any other information regarding the integration of these two is much appreciated.

Thanks,

Marcus

1669. RE: [harris-radio] RF-5833H

Yahoo group: harris-radio
Date: 2013-10-28 15:55:20 UTC
From: Roger Waldmiller
Topic: 1666 Message: 1669

Hi Marcus:

5833H, Prc 138 F/W can be incompatible.

The 5833 has f/w for the 5800 series radio.

The 138 come in 2 versions type I an II, f/w is different. Type I 138 f/w will NOT work with A 5833. 5833 MUST BE BACKWARD programmed to 5033 f/w

What is the f/w of the 138 and 5833???

When you power up the 138,5833 setup(forget the coupler for now) what do you see.

When you put the 138 in TEST mode scroll to Revisions and scroll down , do you see the 5833 f/w ? and all the 138's f/w?

I believe the RF382 cable that works with the 5000 series radio PA's should work with the 5033/5833 series amplifier.

Same connectors.

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Marcus Julian
Sent: Sunday, October 27, 2013 8:08 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5833H

Hi All,

I just got one of the above and trying to integrate with the PRC-138. I have an RF-382 tuner (used with other Harris stuff) but of course the coupler cable connector is different. Does anyone have any information on the connector type and pin-out. Any other information regarding the integration of these two is much appreciated.

Thanks,

Marcus

1670. A23 for 2368 Receiver

Yahoo group: harris-radio
Date: 2013-11-01 01:07:28 UTC
From: <jonklinkhamer@...>
Topic: 1670 Message: 1670

Does anyone have the schematics they could email me? It's the Option audio board

Thanks,
Jon/KB1DC

1671. Re: A23 for 2368 Receiver

Yahoo group: harris-radio
Date: 2013-11-01 09:14:42 UTC
From: L D Ritta
Topic: 1670 Message: 1671

Hi

Did you get one?

73's Lee.

1672. help with a RF-3200ET

Yahoo group: harris-radio
Date: 2013-11-14 17:04:36 UTC
From: W2HX
Topic: 1672 Message: 1672

Hello all,

I just acquired a nice 3200ET. For some reason it only operates in ALE mode. I cannot set it to "F" mode. The manuals I have found on the internet (for 3200 only) indicate that some radios cannot go into "F" mode. I am hoping this is a configuration option. I can go into PGM mode by using the security level password ok. The user mode password that comes with the radio says invalid so I cant see what that password might do.

the security level password prgram functions do not seem to contain an option to re-enable the F mode. can anyone help? Might I have to factory-reset the radio or something?

any help is greately appreciate. I was hoping to get onto a 12:00 ET net (guess that will have to wait)

thanks
Eugene W2HX

1673. RE: [harris-radio] help with a RF-3200ET

Yahoo group: harris-radio
Date: 2013-11-14 18:36:01 UTC
From: Roger Waldmiller
Topic: 1672 Message: 1673

Hi Eugene:

I can help you

I will contact you directly

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of W2HX
Sent: Thursday, November 14, 2013 12:05 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] help with a RF-3200ET

Hello all,

I just acquired a nice 3200ET. For some reason it only operates in ALE mode. I cannot set it to "F" mode. The manuals I have found on the internet (for 3200 only) indicate that some radios cannot go into "F" mode. I am hoping this is a configuration option. I can go into PGM mode by using the security level password ok. The user mode password that comes with the radio says invalid so I cant see what that password might do.

the security level password prgram functions do not seem to contain an option to re-enable the F mode. can anyone help? Might I have to factory-reset the radio or something?

any help is greately appreciate. I was hoping to get onto a 12:00 ET net (guess that will have to wait)

thanks

Eugene W2HX

1674. RE: [milpack] WTB AT-1011

Yahoo group: harris-radio
Date: 2013-11-15 03:52:15 UTC
From: Richard Johnson
Topic: 1674 Message: 1674

Ok, woops, I meant to say he prefers a 32ft antenna.

Duh, not using the brain today.

Sorry

Regards all

Rich Johnson

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

I have a friend looking for an AT-1011, preferably a 40 ft one.
Email me direct with your info if you have one to part with.
I will hook you and him up.
Regards all
Rich Johnson

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

1675. Not answer

Yahoo group: harris-radio
Date: 2013-11-20 14:21:57 UTC
From: MANUEL H CORTES B
Topic: 1675 Message: 1675

Roger Waldmiller:
Have sent you some mails with not answer. My address is in your spam box maybe-
Regards
Manuel hk6des

1676. RE: [harris-radio] Not answer

Yahoo group: harris-radio
Date: 2013-11-21 00:06:51 UTC
From: Roger Waldmiller
Topic: 1675 Message: 1676

Hi Manuel:

I checked all boxes , no Email from you ..last was Sept 2012

Roger

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of MANUEL H CORTES B
Sent: Wednesday, November 20, 2013 9:22 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Not answer

Roger Waldmiller:

Have sent you some mails with not answer. My address is in your spam box maybe-

Regards

Manuel hk6des

1678. PRC138 on cw

Yahoo group: harris-radio
Date: 2013-11-25 17:33:57 UTC
From: <i3ldsari@...>
Topic: 1678 Message: 1678

I used ptt line for high speed cw with MFJ keyer but the emission was clipped, not very good.What are the correct pins out for electronic keyer?Thanks. I3LDS Lud

1679. Re: [harris-radio] help with a RF-3200ET

Yahoo group: harris-radio
Date: 2013-11-14 17:15:21 UTC
From: Alex J Rokowetz
Topic: 1672 Message: 1679

Eugene,

Knowing that you bought this motivated me to drag mine out and use it this past weekend. If I remember correctly, you need to press the OPT button on the inside panel

til it gets to ALE and then use the tuning knob to change the ALE status from on to off.

I have several supplements to the 3200 manual that speak to the "T" version of the radio. If you want them, I will send them to you.

Alex
K2AJR

From: W2HX <w2hx@...>
To: "harris-radio@yahoogroups.com" <harris-radio@yahoogroups.com>
Sent: Thursday, November 14, 2013 12:04 PM
Subject: [harris-radio] help with a RF-3200ET

Hello all,

I just acquired a nice 3200ET. For some reason it only operates in ALE mode. I cannot set it to "F" mode. The manuals I have found on the internet (for 3200 only) indicate that some radios cannot go into "F" mode. I am hoping this is a configuration option. I can go into PGM mode by using the security level password ok. The user mode password that comes with the radio says invalid so I cant see what that password might do.

the security level password prgram functions do not seem to contain an option to re-enable the F mode. can anyone help? Might I have to factory-reset the radio or something?

any help is greately appreciate. I was hoping to get onto a 12:00 ET net (guess that will have to wait)

thanks
Eugene W2HX

1680. Harris Radios 3200 series Differences

Yahoo group: harris-radio
Date: 2013-11-27 16:59:43 UTC
From: Roger w
Topic: 1680 Message: 1680

Hello to all users, owners of the Harris 3200 series radios.

There are differences between the RF 3200,, RF 3200T,, RF 3200E ,,RF 3200ET

Basically they are all the same BUT.....

USER/OPERATOR MANUAL

The 3200 and the 3200T operation is DIFFERENT than the 3200E and the 3200ET

The 3200,and the 3200T use the user operator manual 10212-0050 rev A,B,C,D (depends on the f/w in the radio)

The 3200E and the 3200ET use the user operator manual 10212-0050-20 (all f/w revs)

SERVICE MANUAL

The 3200 and the 3200T service manual is 10212-0300

The 3200E and the 3200ET service manual is 10212-0300-20 (this is different only with bds A1(front panel) ,the A7(logic) and A2(audio)

The 3200T and the 3200ET does have supplements which are the same for both . They cover the ac ps and all the mechanical aspects of the t/et configuration.

ALE OPTION (most common)

The ALE option bds are DIFFERENT for the 3200/ 3200Tand the 3200E/3200ET

The 3200/3200T use the ALE bd 10212-7000(3digit IDs only)

The 3200E/3200ET use the ALE bd 10212-7750 (full alphanumeric)

Operation/programming ARE DIFFERENT between the 3200/3200T and the 3200E/3200ET.

Did you know Harris also made RF3201,3201E radios (military version of the 3200's).

I have received/have been asked , many questions on the 3200 series radios and the 1st thing I ask "what is in the unit", serial numbers, electronic serial number, firmware rev, passwords, and best of all photos of the top, front, bottom(covers removed of course). The photos can tell me a lot. The T and ET , you have to take it out of the case(which can be a pain). With that knowledge I can proceed with the question or trouble.

So if you need information, or have questions on the 3200's , I am glad to help.

Regards To all

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

1681. RE: R-2368(RF-590A) for sale -excellent

Yahoo group: harris-radio
Date: 2013-12-01 00:24:23 UTC
From: <filozof@...>
Topic: 1677 Message: 1681

Hello !

harris sold?

N4REC (filozof@ccmh.org)

---In harris-radio@yahoogroups.com, <gibharris@...> wrote:

I have a very nice receiver that performs as well as it looks. You know the specifications and build quality and that only government agencies could afford. This one is from the U.S. Embassy in Egypt.. I haven't listed here for a long time and not sure I can post photos. If not, I can email several. Also, you can search eBay for my listing that sold for $1800 to K7VZD who was a nonpaying buyer, and eBay doesn't allow giving negative feedback! After 11 years and 500+ feedbacks all positive, I plan to sell only on these and ham radio websites. $1650 plus actual shipping. Sorry, lower 48 USA sale only.

1682. Harris RF-5720 HF Data Modem

Yahoo group: harris-radio
Date: 2013-12-04 22:39:40 UTC
From: Joseph
Topic: 1682 Message: 1682

I have been fortunate to obtain a Harris RF-5720 HF Data Modem.

Can anyone help me with pinouts and/or hookup information for the Radio and Data connectors?

Thanks!

--
Joseph Pinner +

KC5IJD / NNN0PHR

1683. RE: [harris-radio] Harris RF-5720 HF Data Modem

Yahoo group: harris-radio
Date: 2013-12-04 23:28:22 UTC
From: Dr Fred Hambrecht
Topic: 1682 Message: 1683

What do you plan to do with a 39 tone modem?

Fred W4JLE

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Joseph
Sent: Wednesday, December 04, 2013 17:40 PM
To: armyradios@yahoogroups.com; harris-radio@yahoogroups.com; Milsurplus@...; 'West Coast Military Radio Collectors Group'; MARS-ALE@yahoogroups.com
Subject: [harris-radio] Harris RF-5720 HF Data Modem

I have been fortunate to obtain a Harris RF-5720 HF Data Modem.

Can anyone help me with pinouts and/or hookup information for the Radio and Data connectors?

Thanks!

--
Joseph Pinner +

KC5IJD / NNN0PHR

1684. FALCOM.EXE help files and protocol.doc

Yahoo group: harris-radio
Date: 2013-12-04 23:39:15 UTC
From: <mmellinger100@...>
Topic: 1684 Message: 1684

I have recently got a PRC-138 with the data cable. I downloaded the Falcom.exe file from the files section on this group, but I was also wanting the Falcom.hlp, protocol.doc, demossb.prg, demoafc.prg, demoale.prg, demofh.prg, and démodé.prg. there is also a readme.doc in the FALCOM system software. Does anyone know where I can find these files? Thanks

1685. RE: [harris-radio] Harris RF-5720 HF Data Modem

Yahoo group: harris-radio
Date: 2013-12-04 23:41:44 UTC
From: N2CKH
Topic: 1682 Message: 1685

Hi Fred,

Its 110A FSK, Serial tone and Parallel 39 tone and there are options for S4285.

As to 39 tone, it works, not as good as Serial tone, I have worked a
number of MARS members that have hardware modems that support it.

/s/ Steve

At 06:28 PM 12/4/2013, you wrote:
>
>
>What do you plan to do with a 39 tone modem?
>
>
>
>Fred W4JLE
>
>
>
>----------
>From: harris-radio@yahoogroups.com
>[mailto:harris-radio@yahoogroups.com] On Behalf Of Joseph
>Sent: Wednesday, December 04, 2013 17:40 PM
>To: armyradios@yahoogroups.com; harris-radio@yahoogroups.com;
>Milsurplus@...; 'West Coast Military Radio Collectors
>Group'; MARS-ALE@yahoogroups.com
>Subject: [harris-radio] Harris RF-5720 HF Data Modem
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>Can anyone help me with pinouts and/or hookup information for the Radio
>and Data connectors?
>
>Thanks!
>
>--
>Joseph Pinner +
>
>KC5IJD / NNN0PHR

1686. RE: FALCOM.EXE help files and protocol.doc

Yahoo group: harris-radio
Date: 2013-12-05 00:18:18 UTC
From: <mmellinger100@...>
Topic: 1684 Message: 1686

Mark Mellinger
KE5QEO/AAN6NWA

1687. RE: [harris-radio] FALCOM.EXE help files and protocol.doc

Yahoo group: harris-radio
Date: 2013-12-05 00:54:36 UTC
From: Richard Johnson
Topic: 1684 Message: 1687

Type "helpale" and hit enter
also "helpprg"
there is a command to make it download into a txt file but I cant remember how to do that.
Rich Johnson

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: mmellinger100@...
Date: Wed, 4 Dec 2013 15:39:15 -0800
Subject: [harris-radio] FALCOM.EXE help files and protocol.doc

I have recently got a PRC-138 with the data cable. I downloaded the Falcom.exe file from the files section on this group, but I was also wanting the Falcom.hlp, protocol.doc, demossb.prg, demoafc.prg, demoale.prg, demofh.prg, and démodé.prg. there is also a readme.doc in the FALCOM system software. Does anyone know where I can find these files?
Thanks

1688. RF-5059-CH charger

Yahoo group: harris-radio
Date: 2013-12-06 17:20:02 UTC
From: <i3ldsari@...>
Topic: 1688 Message: 1688

I have recently bought a RF 5059 CH battery charger but I haven't the manual.Can anyone pse give me input pinouts?
Thanks Lud I3LDS

1689. Re: [harris-radio] Harris RF-5720 HF Data Modem

Yahoo group: harris-radio
Date: 2013-12-07 18:01:07 UTC
From: jonklinkhamer@...
Topic: 1682 Message: 1689

I need to be educated in the use of a modem. Other than the military can a ham utilize this Modem or do you need to find someone else that has a modem to communicate with. What do you use for an output device, Printer, computer, ??

Thanks,
Jon/KB1DC

----- Original Message -----

From: "N2CKH" <n2ckh@...>
To: harris-radio@yahoogroups.com
Sent: Wednesday, December 4, 2013 6:41:44 PM
Subject: RE: [harris-radio] Harris RF-5720 HF Data Modem

Hi Fred,

Its 110A FSK, Serial tone and Parallel 39 tone and there are options for S4285.

As to 39 tone, it works, not as good as Serial tone, I have worked a number of MARS members that have hardware modems that support it.

/s/ Steve

At 06:28 PM 12/4/2013, you wrote:

What do you plan to do with a 39 tone modem?

Fred W4JLE

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Joseph
Sent: Wednesday, December 04, 2013 17:40 PM
To: armyradios@yahoogroups.com; harris-radio@yahoogroups.com; Milsurplus@...; 'West Coast Military Radio Collectors Group'; MARS-ALE@yahoogroups.com
Subject: [harris-radio] Harris RF-5720 HF Data Modem

I have been fortunate to obtain a Harris RF-5720 HF Data Modem.

Can anyone help me with pinouts and/or hookup information for the Radio
and Data connectors?

Thanks!

--
Joseph Pinner +

KC5IJD / NNN0PHR

1690. Re: [harris-radio] Harris RF-5720 HF Data Modem

Yahoo group: harris-radio
Date: 2013-12-07 18:40:58 UTC
From: N2CKH
Topic: 1682 Message: 1690

Hi John,

Military data modems can be used on the ham bands, however depending on the specific modem capability you are looking to utilize, there are some caveats. Under current FCC rules current rule making process efforts may eliminate the obstacles when it comes to using the high symbol rate PSK serial tone modem waveforms such as MS110A, MS110B and various STANAG waveforms use which at present are limited to use on 60m for data and wherever image is allowed.

Most Military data modems provide MS110A FSK which we refer to as Baudot RTTY, from there you may find other forms of Military FSK and BFSK not common but legal on the U.S. ham bands as well. Then comes Military PSK modems, some of which are low symbol rate and legal, such as MS110A 16 and 39 tone parallel modems that are both well under 100 baud per carrier.

All you need is a dumb terminal application and proper interfacing to the modem in question to send and receive data in RATT like operation peer-to-peer, you can either key the modem from the front panel or wire to assert RTS for TX with most all modems. For more elaborate use of a Military modem, such as peer-to-peer ARQ, FTP or HF email or Digital Voice you would require more sophisticated software, where in most all cases, all users must be using the same software.

/s/ Steve, N2CKH

At 01:01 PM 12/7/2013, you wrote:
>
>
>I need to be educated in the use of a modem. Other than the
>military can a ham utilize this Modem or do you need to find
>someone else that has a modem to communicate with. What do you use
>for an output device, Printer, computer, ??
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>Thanks,
>Jon/KB1DC
>
>
>----------
>From: "N2CKH" <n2ckh@...>
>To: harris-radio@yahoogroups.com
>Sent: Wednesday, December 4, 2013 6:41:44 PM
>Subject: RE: [harris-radio] Harris RF-5720 HF Data Modem
>
>

>
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>Hi Fred,
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>for S4285.
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>As to 39 tone, it works, not as good as Serial tone, I have worked a
>number of MARS members that have hardware modems that support it.
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>/s/ Steve
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>Fred W4JLE
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>From: harris-radio@yahoogroups.com [
>mailto:harris-radio@yahoogroups.com] On Behalf Of Joseph
>Sent: Wednesday, December 04, 2013 17:40 PM
>To: armyradios@yahoogroups.com; harris-radio@yahoogroups.com;
>Milsurplus@...; 'West Coast Military Radio Collectors
>Group'; MARS-ALE@yahoogroups.com
>Subject: [harris-radio] Harris RF-5720 HF Data Modem
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>Can anyone help me with pinouts and/or hookup information for the Radio
>and Data connectors?
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>Thanks!
>
>--
>Joseph Pinner +
>
>KC5IJD / NNN0PHR

1691. Re: [harris-radio] Harris RF-5720 HF Data Modem

Yahoo group: harris-radio
Date: 2013-12-08 01:10:33 UTC
From: jonklinkhamer@...
Topic: 1682 Message: 1691

Thanks Steve for the explanation, appreciate the information.

----- Original Message -----

From: "N2CKH" <n2ckh@...>
To: harris-radio@yahoogroups.com
Sent: Saturday, December 7, 2013 1:40:58 PM
Subject: Re: [harris-radio] Harris RF-5720 HF Data Modem

Hi John,

Military data modems can be used on the ham bands, however depending on the specific modem capability you are looking to utilize, there are some caveats. Under current FCC rules current rule making process efforts may eliminate the obstacles when it comes to using the high symbol rate PSK serial tone modem waveforms such as MS110A, MS110B and various STANAG waveforms use which at present are limited to use on 60m for data and wherever image is allowed.

Most Military data modems provide MS110A FSK which we refer to as Baudot RTTY, from there you may find other forms of Military FSK and BFSK not common but legal on the U.S. ham bands as well. Then comes Military PSK modems, some of which are low symbol rate and legal, such as MS110A 16 and 39 tone parallel modems that are both well under 100 baud per carrier.

All you need is a dumb terminal application and proper interfacing to the modem in question to send and receive data in RATT like operation peer-to-peer, you can either key the modem from the front panel or wire to assert RTS for TX with most all modems. For more elaborate use of a Military modem, such as peer-to-peer ARQ, FTP or HF email or Digital Voice you would require more sophisticated software, where in most all cases, all users must be using the same software.

/s/ Steve, N2CKH

At 01:01 PM 12/7/2013, you wrote:

I need to be educated in the use of a modem. Other than the military can a ham utilize this Modem or do you need to find someone else that has a modem to communicate with. What do you use for an output device, Printer, computer, ??

Thanks,
Jon/KB1DC

From: "N2CKH" <n2ckh@...>
To: harris-radio@yahoogroups.com
Sent: Wednesday, December 4, 2013 6:41:44 PM
Subject: RE: [harris-radio] Harris RF-5720 HF Data Modem

Hi Fred,

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As to 39 tone, it works, not as good as Serial tone, I have worked a number of MARS members that have hardware modems that support it.

/s/ Steve

At 06:28 PM 12/4/2013, you wrote:

What do you plan to do with a 39 tone modem?

Fred W4JLE

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Joseph
Sent: Wednesday, December 04, 2013 17:40 PM
To: armyradios@yahoogroups.com; harris-radio@yahoogroups.com; Milsurplus@...; 'West Coast Military Radio Collectors Group'; MARS-ALE@yahoogroups.com
Subject: [harris-radio] Harris RF-5720 HF Data Modem

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Can anyone help me with pinouts and/or hookup information for the Radio
and Data connectors?

Thanks!

--
Joseph Pinner +

KC5IJD / NNN0PHR

1692. Harris Antenna coupler

Yahoo group: harris-radio
Date: 2013-12-10 02:06:20 UTC
From: <jay_sario@...>
Topic: 1692 Message: 1692

Hi to All,

Would like to ask for any info or help. I recently acquired what I believe is a Harris RF-3282. Does this type of coupler behave just like any antenna coupler, like ICOM AT130? Because whenever I press the PTT, I could only hear one relay clicking but not sure which one and seems not tuning at all. By the way, my radio is Harris RF-3201 with the antenna coupler board installed inside. No visual indication from the radio that it is already TUNED. Not sure also if this coupler is for a 12v or 24v radio.

Any help appreciated as this is my first time to use harris antenna coupler.

73.

jay

1693. RF-355 500W amp

Yahoo group: harris-radio
Date: 2013-12-10 02:57:58 UTC
From: L Ritta
Topic: 1693 Message: 1693

Hello All

I have the Rf-355 I have it connected to my rf-350K with control cable. It powers up I set to auto tune

and after some time the operate light comes on but when I press transmit button on the microphone

nothing happens, but I don’t get and error code. I have never had a linear amp before, I don’t know

what I have done wrong. Any ideas?

Btw I have it connected to a 40/80m verticle.

Lee

1694. Re: [harris-radio] RF-355 500W amp

Yahoo group: harris-radio
Date: 2013-12-10 15:29:24 UTC
From: scott@...
Topic: 1693 Message: 1694

We need the error code as that will tell us what fault is. However since it's in auto tune and you do not have a coupler it's probably indicating a coupler failure

To use without coupler you need to be in manual mode

-------- Original Message --------
Subject:: [harris-radio] RF-355 500W amp
From: "L Ritta" <vk5abc@...>
Date: Dec 9, 2013 9:58 PM
To:: harris-radio@yahoogroups.com
CC:

Hello All

I have the Rf-355 I have it connected to my rf-350K with control cable. It powers up I set to auto tune

and after some time the operate light comes on but when I press transmit button on the microphone

nothing happens, but I don’t get and error code. I have never had a linear amp before, I don’t know

what I have done wrong. Any ideas?

Btw I have it connected to a 40/80m verticle.

Lee

1695. Re: [harris-radio] RF-355 500W amp

Yahoo group: harris-radio
Date: 2013-12-10 15:37:23 UTC
From: Stuart
Topic: 1693 Message: 1695

Negative you do not have to have a coupler. I don’t have one and the amp tunes fine as long as your antenna
is resonant to the freq you want to use. If it is not you can use a manual tuner between the amp and the antenna.

Stuart
N5LBZ

From: scott@...
Sent: Tuesday, December 10, 2013 9:29 AM
To: vk5abc@... ; harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF-355 500W amp

We need the error code as that will tell us what fault is. However since it's in auto tune and you do not have a coupler it's probably indicating a coupler failure

To use without coupler you need to be in manual mode

-------- Original Message --------
Subject:: [harris-radio] RF-355 500W amp
From: "L Ritta" <vk5abc@...>
Date: Dec 9, 2013 9:58 PM
To:: harris-radio@yahoogroups.com
CC:

Hello All

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and after some time the operate light comes on but when I press transmit button on the microphone

nothing happens, but I don’t get and error code. I have never had a linear amp before, I don’t know

what I have done wrong. Any ideas?

Btw I have it connected to a 40/80m verticle.

Lee

1696. RE: [harris-radio] Harris Antenna coupler

Yahoo group: harris-radio
Date: 2013-12-10 15:52:59 UTC
From: Roger w
Topic: 1692 Message: 1696

Good morning Jay:

The rf 3282 came in 2 flavors ….3282-12 and 3282-24. The -24 would work on both 12v and 24 v The 3201 did the same thing .

In either case ,it sounds like the unit is not talking back/to each other.

It could be the 3282 or the interface in the 3201 unit

The 3282 does have a separate bd mounted near the input N connector and when used on 12vdc there is a resistor that is used and it get hot ,maybe even burnt in time.. The coupler bd is the same as the 3281 bd BUT with input modifications,that are mremounted on this regulator bd.

Contact me direct Email and I and help you with information.

Roger

Roger w

waldrgr@....com

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of jay_sario@...
Sent: Monday, December 09, 2013 9:06 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris Antenna coupler

Hi to All,

Would like to ask for any info or help. I recently acquired what I believe is a Harris RF-3282. Does this type of coupler behave just like any antenna coupler, like ICOM AT130? Because whenever I press the PTT, I could only hear one relay clicking but not sure which one and seems not tuning at all. By the way, my radio is Harris RF-3201 with the antenna coupler board installed inside. No visual indication from the radio that it is already TUNED. Not sure also if this coupler is for a 12v or 24v radio.

Any help appreciated as this is my first time to use harris antenna coupler.

73.

jay

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

1697. RE: [harris-radio] RF-355 500W amp

Yahoo group: harris-radio
Date: 2013-12-10 16:03:42 UTC
From: L Ritta
Topic: 1693 Message: 1697

Scott

I don’t currently have the coupler connected, now I have learnt something, what is manual tune procedure ?

Seems there is a problem with amp but I found it difficult to read the error code I need to move it to a another location.

Lee

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of scott@...
Sent: Wednesday, 11 December 2013 1:59 AM
To: vk5abc@...; harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF-355 500W amp

We need the error code as that will tell us what fault is. However since it's in auto tune and you do not have a coupler it's probably indicating a coupler failure

To use without coupler you need to be in manual mode

-------- Original Message --------
Subject:: [harris-radio] RF-355 500W amp
From: "L Ritta" <vk5abc@...>
Date: Dec 9, 2013 9:58 PM
To:: harris-radio@yahoogroups.com
CC:

Hello All

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and after some time the operate light comes on but when I press transmit button on the microphone

nothing happens, but I don’t get and error code. I have never had a linear amp before, I don’t know

what I have done wrong. Any ideas?

Btw I have it connected to a 40/80m verticle.

Lee

[Non-text portions of this message have been removed]

1698. Re: [harris-radio] RF-355 500W amp

Yahoo group: harris-radio
Date: 2013-12-10 16:24:07 UTC
From: Terry
Topic: 1693 Message: 1698

be careful what you "learn" from the internet. I suggest getting multiple oppinions first. As another mentioned I have no coupler in line an the amp works fine auto tunning into a
resonant antenna.

Terry
AB8AL

From: L Ritta <vk5abc@...>
To: harris-radio@yahoogroups.com
Sent: Tuesday, December 10, 2013 11:03 AM
Subject: RE: [harris-radio] RF-355 500W amp

Scott

I don’t currently have the coupler connected, now I have learnt something, what is manual tune procedure ?

Seems there is a problem with amp but I found it difficult to read the error code I need to move it to a another location.

Lee

1699. RE: RF-355 500W amp

Yahoo group: harris-radio
Date: 2013-12-10 17:17:42 UTC
From: <rl.boltz@...>
Topic: 1693 Message: 1699

The others are correct. No coupler required to tune. However since you have little experience with the amp I need to ask a simple question; Have you pressed "2ND" and then "STB/OPR" on the RT-1446? After the warm-up, you must do this to get the amp in operate mode or toggle to standby. Not trying to insult you. Just asking

1700. Re: [harris-radio] RE: RF-355 500W amp

Yahoo group: harris-radio
Date: 2013-12-10 17:33:44 UTC
From: jonklinkhamer@...
Topic: 1693 Message: 1700

Do yourself a favor for your own information and safety - read the manual. Do a google and if that does not work I will email you the manual. Asking questions real time while playing is not good with a 500W amp.
----- Original Message -----

From: "rl boltz" <rl.boltz@...>
To: harris-radio@yahoogroups.com
Sent: Tuesday, December 10, 2013 12:17:42 PM
Subject: [harris-radio] RE: RF-355 500W amp

The others are correct. No coupler required to tune. However since you have little experience with the amp I need to ask a simple question; Have you pressed "2ND" and then "STB/OPR" on the RT-1446? After the warm-up, you must do this to get the amp in operate mode or toggle to standby. Not trying to insult you. Just asking

1701. Re: [harris-radio] RE: RF-355 500W amp

Yahoo group: harris-radio
Date: 2013-12-11 01:02:03 UTC
From: Tom C
Topic: 1693 Message: 1701

Reading the manual is paramount.

 However, having used an RF-350 (RT-1446) for several years, anytime I press the PTT and nothing happens, I check the Audio Source to make sure it says "mic."

73,
Tom

On Tuesday, December 10, 2013 12:33 PM, "jonklinkhamer@..." <jonklinkhamer@comcast.net> wrote:

Do yourself a favor for your own information and safety - read the manual. Do a google and if that does not work I will email you the manual. Asking questions real time while playing is not good with a 500W amp.

From: "rl boltz" <rl.boltz@...>
To: harris-radio@yahoogroups.com
Sent: Tuesday, December 10, 2013 12:17:42 PM
Subject: [harris-radio] RE: RF-355 500W amp

The others are correct. No coupler required to tune. However since you have little experience with the amp I need to ask a simple question; Have you pressed "2ND" and then "STB/OPR" on the RT-1446? After the warm-up, you must do this to get the amp in operate mode or toggle to standby. Not trying to insult you. Just asking

1702. Re: RF-355 500W amp

Yahoo group: harris-radio
Date: 2013-12-11 01:16:52 UTC
From: vk5abc
Topic: 1693 Message: 1702

Until a while ago I did not realize that but yes I have switched on the amp from the rt-1446/urc it maybe I don't have the correct control cable, thanks to other suggestion about the microphone instead of line in or patch.

Lee.

--- In harris-radio@yahoogroups.com, <rl.boltz@...> wrote:
>
> The others are correct. No coupler required to tune. However since you have little experience with the amp I need to ask a simple question; Have you pressed "2ND" and then "STB/OPR" on the RT-1446? After the warm-up, you must do this to get the amp in operate mode or toggle to standby. Not trying to insult you. Just asking
>

1703. RE: Harris Antenna coupler

Yahoo group: harris-radio
Date: 2013-12-16 23:17:53 UTC
From: <stevesykes@...>
Topic: 1692 Message: 1703

The RF-3282 is powered by voltage down the coax. The control signals are tones sent along the coax as well. It can be either 12 or 24 volt. The 24 volt version has a regulator board inside the coupler case. Measure the voltage at the radio RF output with no coax to see if your radio is supplying 12v or 24v. The regulator can be easily bypassed to allow 12v operation if required. You will also need to enable the coupler in the radio programming mode. If there is output voltage, the coupler is enabled, there is no voltage present otherwise.
As to operation, it does operate the same as any automatic coupler, when the radio is keyed a tune cycle is intitiated, if the frequency is in memory and the vswr is within a specified window a memory tune is made. If it is a new frequency or the vswr is too high a learn tune is made which takes longer to complete.
Good luck
73
Steve KD2OM/NNN0HSB

1704. RE: Harris HF RF PA board.

Yahoo group: harris-radio
Date: 2013-12-16 23:56:33 UTC
From: <stevesykes@...>
Topic: 1532 Message: 1704

It is a 250 watt module board from a 1KW amplifier, an RF-1110C. I am not sure where you will find the schematic and parts list.
Good luck.
73,
Steve KD2OM/NNN0HSB

1705. Re: Harris HF RF PA board.

Yahoo group: harris-radio
Date: 2013-12-19 21:06:35 UTC
From: rfsystem@sbcglobal.net
Topic: 1532 Message: 1705

I posted the schematics, parts list and related documents in the "Files" under PA Amp. Hope this helps. Think you need 1-10 watts to feed but dont remember for sure. The amplifier input takes 100mw and bumps it up to feed these (4 in parallel) via a power divider and then combines the 4 outputs together.

Greg

1706. Re: Harris HF RF PA board.

Yahoo group: harris-radio
Date: 2013-12-21 13:51:18 UTC
From: <seastar@...>
Topic: 1532 Message: 1706

Actually, the input needs to be around 10W and that +50V line needs to be able to supply around 30 Amps.
But these are real dependable amps and many are still in service after 20+ years

Mark
N2FYS

1707. Re: [harris-radio] Re: Harris manuals and spare cards for sale

Yahoo group: harris-radio
Date: 2013-12-22 23:24:36 UTC
From: <diazsilveiracarlos@...>
Topic: 1348 Message: 1707

I need the Frequency Standard Assembly A-21. Part 10073-6600 or 10073-7321. If you do not have it separately I will buy A12/A-21 Reference Generastor Assembly.
. Please let me know how much do you want for them
Carlos AB4Q
Phone 305-342-2381
Thanks foryour attention

1708. Re: Harris manuals and spare cards for sale

Yahoo group: harris-radio
Date: 2013-12-22 23:30:55 UTC
From: <diazsilveiracarlos@...>
Topic: 1348 Message: 1708

I need the Frequency Standard Assembly A-21 part # 10073-6600 or 10073-7321. If you do not have this units separately I will buy the A-12/A-21 Reference Generator Assembly. They are for an RF-590A receiver
Please let me know how much you want for them
Carlos AB4Q
My phone is 305-32-2381.
Thanks for your attention.

1709. Re: Harris HF RF PA board.

Yahoo group: harris-radio
Date: 2013-12-23 16:35:50 UTC
From: <stevesykes@...>
Topic: 1532 Message: 1709

Greg,
The schematic and parts list you posted are for an RF-1110 transistor amplifier. The board that the questions were about is from an RF-1110C fet amplifier. They are quite different. The board is missing all of the power fets and some other components as well. Also in one of the photos there are yellow arrows stuck to the board. This denotes some defect in area where the stickers are.
Just buying all missing semiconductors will be cost prohibitive. Getting it to play correctly without all the required external circuitry would be a real challenge to. I hope the guy didn't pay too much for it.

73
Steve KD2OM

1710. Re: [harris-radio] Re: Harris manuals and spare cards for sale

Yahoo group: harris-radio
Date: 2013-12-23 17:11:08 UTC
From: John Watkins
Topic: 1348 Message: 1710

You don't happen to have the Frequency standard module for the RF-550 do you?

Thanks,

John WD5ENU

On Sunday, December 22, 2013 5:30 PM, "diazsilveiracarlos@..." <diazsilveiracarlos@...> wrote:

I need the Frequency Standard Assembly A-21 part # 10073-6600 or 10073-7321. If you do not have this units separately I will buy the A-12/A-21 Reference Generator Assembly. They are for an RF-590A receiver
Please let me know how much you want for them
Carlos AB4Q
My phone is 305-32-2381.
Thanks for your attention.

1711. Harris 350K with NB6GC remote adapter for sale.

Yahoo group: harris-radio
Date: 2013-12-23 20:10:18 UTC
From: Marcus Julian
Topic: 1711 Message: 1711

Radio is in excellent shape and fully functional.

Thanks,

Marcus

1712. Re: [harris-radio] Harris 350K with NB6GC remote adapter for sale.

Yahoo group: harris-radio
Date: 2013-12-23 20:15:13 UTC
From: Terry
Topic: 1711 Message: 1712

No price must be FREE. I will take it Ship to my
QRZ address

Thanks alot,
AB8AL

From: Marcus Julian <marjulcusian@...>
To: harris-radio@yahoogroups.com
Sent: Monday, December 23, 2013 3:10 PM
Subject: [harris-radio] Harris 350K with NB6GC remote adapter for sale.

Radio is in excellent shape and fully functional.
Thanks,Marcus

1713. Re: [harris-radio] Harris 350K with NB6GC remote adapter for sale.

Yahoo group: harris-radio
Date: 2013-12-23 20:32:55 UTC
From: Marcus Julian
Topic: 1711 Message: 1713

How does $440.00 plus shipping sound?

Marcus

On Mon, Dec 23, 2013 at 12:15 PM, Terry <ab8al@...> wrote:

>
>
> No price must be FREE. I will take it Ship to my
> QRZ address
>
> Thanks alot,
> AB8AL
>
> *From:* Marcus Julian <marjulcusian@...>
> *To:* harris-radio@yahoogroups.com
> *Sent:* Monday, December 23, 2013 3:10 PM
> *Subject:* [harris-radio] Harris 350K with NB6GC remote adapter for sale.
>
> Radio is in excellent shape and fully functional.
> Thanks,Marcus
>
>
>

1714. Re: [harris-radio] Harris 350K with NB6GC remote adapter for sale.

Yahoo group: harris-radio
Date: 2013-12-23 20:51:32 UTC
From: Peter Gottlieb
Topic: 1711 Message: 1714

Wow!

Peter

> On Dec 23, 2013, at 3:32 PM, Marcus Julian <marjulcusian@gmail.com> wrote:
>
> How does $440.00 plus shipping sound?
>
> Marcus
>
>
>
>> On Mon, Dec 23, 2013 at 12:15 PM, Terry <ab8al@...> wrote:
>>
>> No price must be FREE. I will take it Ship to my
>> QRZ address
>>
>> Thanks alot,
>> AB8AL
>>
>> From: Marcus Julian <marjulcusian@...m>
>> To: harris-radio@yahoogroups.com
>> Sent: Monday, December 23, 2013 3:10 PM
>> Subject: [harris-radio] Harris 350K with NB6GC remote adapter for sale.
>>
>> Radio is in excellent shape and fully functional.
>> Thanks,Marcus
>
>

1715. Re: [harris-radio] Harris 350K with NB6GC remote adapter for sale.

Yahoo group: harris-radio
Date: 2013-12-24 00:03:25 UTC
From: Terry Hines
Topic: 1711 Message: 1715

Your direct email address bounced. Send me a direc email that works and lets take this offline.

Thanks
Terry

Sent from my iPad

On Dec 23, 2013, at 3:32 PM, Marcus Julian <marjulcusian@...> wrote:

> How does $440.00 plus shipping sound?
>
> Marcus
>
>
>
> On Mon, Dec 23, 2013 at 12:15 PM, Terry <ab8al@...> wrote:
>>
>> No price must be FREE. I will take it Ship to my
>> QRZ address
>>
>> Thanks alot,
>> AB8AL
>>
>> From: Marcus Julian <marjulcusian@...>
>> To: harris-radio@yahoogroups.com
>> Sent: Monday, December 23, 2013 3:10 PM
>> Subject: [harris-radio] Harris 350K with NB6GC remote adapter for sale.
>>
>> Radio is in excellent shape and fully functional.
>> Thanks,Marcus
>
>

1716. RF3200

Yahoo group: harris-radio
Date: 2013-12-29 20:06:27 UTC
From: Alan Morriss
Topic: 1716 Message: 1716

hello everyone, i have a Harris RF3200 ,and i like it a lot. recently it has developed a fault. the PA takes of and it puts out around 50 watts on AM and much more than specified on CW . it also takes of in SSB .any ideas ? alan G4GEN

1717. Hello Any help finding the schematic of this Harris PA board

Yahoo group: harris-radio
Date: 2013-12-30 02:27:05 UTC
From: <co8fs@...>
Topic: 1717 Message: 1717

HelloH http://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1346653666/lightbox/2053293174 IMGP0001
co8fs, Jun 22

http://xa.yimg.com/kq/groups/9183175/or/2053293174/name/IMGP0001.JPG?download=10

http://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1346653666/lightbox/72265829 IMGP0002
co8fs, Jun 22

http://xa.yimg.com/kq/groups/9183175/or/72265829/name/IMGP0002.JPG?download=10

http://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1346653666/lightbox/322562374 IMGP0003
co8fs, Jun 22

http://xa.yimg.com/kq/groups/9183175/or/322562374/name/IMGP0003.JPG?download=10

http://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1346653666/lightbox/414454690 IMGP0005
co8fs, Jun 22

http://xa.yimg.com/kq/groups/9183175/or/414454690/name/IMGP0005.JPG?download=10

http://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1346653666/lightbox/1169953118 IMGP0006
co8fs, Jun 22

http://xa.yimg.com/kq/groups/9183175/or/1169953118/name/IMGP0006.JPG?download=10

http://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1346653666/lightbox/1586104872 IMGP0004
co8fs, Jun 22

http://xa.yimg.com/kq/groups/9183175/or/1586104872/name/IMGP0004.JPG?download=10

1718. RE: [harris-radio] RF3200

Yahoo group: harris-radio
Date: 2013-12-30 02:27:07 UTC
From: Roger w
Topic: 1716 Message: 1718

Hello Alan G4GEN

What do you mean .." The Tx takes of(off?) ???

50 watts on AM is correct ,normal , with out modulation

CW normal is full 125w + with Cw key jack

SSB should see 0 power with out modulation , with modulation up to 125w peak
, depends on voice.

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of Alan Morriss
Sent: Sunday, December 29, 2013 3:06 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF3200

hello everyone, i have a Harris RF3200 ,and i like it a lot. recently it has
developed a fault. the PA takes of and it puts out around 50 watts on AM and
much more than specified on CW . it also takes of in SSB .any ideas ? alan
G4GEN

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

1719. Need help finding the schematic for this RF PA board.

Yahoo group: harris-radio
Date: 2013-12-30 05:19:07 UTC
From: Sebastian Fernandez
Topic: 1719 Message: 1719

Hi Group.

Still in need of the schematic of the attached pic.
I sent another email but the pic did not go through.
Thanks.

Sebastian
K4BAC

[Non-text portions of this message have been removed]

1720. RF PA schematic

Yahoo group: harris-radio
Date: 2013-12-30 05:22:50 UTC
From: Sebastian Fernandez
Topic: 1720 Message: 1720

I don't know what is happening but my pic don't go through.
The pictures are at pictures section of the group, They are the number 4 in the album.
thanks again.

Sebastian
K4BAC

1721. RF3200

Yahoo group: harris-radio
Date: 2013-12-30 10:14:54 UTC
From: Alan Morriss
Topic: 1716 Message: 1721

hello , thanks for the offer. however , i do have the maintenance manual , and i will just have to get down to it in the new year. i just thought that it might be a well known fault, so i could go straight to the trouble spot. happy new year , alan

1722. RE: [harris-radio] RF3200

Yahoo group: harris-radio
Date: 2013-12-30 15:02:15 UTC
From: Roger w
Topic: 1716 Message: 1722

Good Morning Alan:

If you mean that the unit is SELF KEYING TRANSMITTING!!?? No it is not a well known fault. That is why I asked , for a clearer report of what it is the unit is doing.

I have worked on the 3200 line since it started, in 1988.

The manual for the 3200 unit ,you described is 10212-0300

If it is a E model 3200E then the service manual is 10212-0300-20 there is a difference.

Operators user manuasl are different also 3200,depends on F/W is 10212-0050 -,A,B,C,D, 3200E IS 10212-0050-20

If you need more info, help, prints etc , contact me directly

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Alan Morriss
Sent: Monday, December 30, 2013 5:15 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF3200

hello , thanks for the offer. however , i do have the maintenance manual , and i will just have to get down to it in the new year. i just thought that it might be a well known fault, so i could go straight to the trouble spot. happy new year , alan

---
This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

1723. rf-590a/r2368 receiver help

Yahoo group: harris-radio
Date: 2013-12-31 12:34:30 UTC
From: vk5abc
Topic: 1723 Message: 1723

Hello Everyone

I would like to contact someone with some experience troubleshooting Harris R-2368 receivers.

73's Lee.

1724. RE: rf-590a/r2368 receiver help

Yahoo group: harris-radio
Date: 2014-01-01 13:26:54 UTC
From: <gibharris@...>
Topic: 1723 Message: 1724

I am not an expert but have owned many, repaired a few, and have several modules. Gilbert W4JDA

1725. Re: [harris-radio] RE: rf-590a/r2368 receiver help

Yahoo group: harris-radio
Date: 2014-01-01 16:29:15 UTC
From: Alan Morriss
Topic: 1723 Message: 1725

hello Gilbert . it looks as if i may need a replacement PA module . a friend who is much better than i am is going to have a look at it. i am keeping my fingers crossed , but do you have one ? happy new year . alan
On 1 Jan 2014, at 13:26, <gibharris@...> <gibharris@...> wrote:

>
> I am not an expert but have owned many, repaired a few, and have several modules. Gilbert W4JDA
>
>
>

1726. Harris RF-1310A Manual

Yahoo group: harris-radio
Date: 2014-01-01 17:14:35 UTC
From: vk5abc
Topic: 1726 Message: 1726

Hello Everyone

Anyone got a soft copy of the Harris RF-1310A Manual ?

73's Lee.

1727. RF-1110C/D circuits

Yahoo group: harris-radio
Date: 2014-01-01 17:18:14 UTC
From: vk5abc
Topic: 1727 Message: 1727

Hello Everyone

Anyone with a manual for the Rf-1110C or D was there a B model?

73's Lee.

1728. Rf-1310 amp

Yahoo group: harris-radio
Date: 2014-01-02 09:45:10 UTC
From: vk5abc
Topic: 1728 Message: 1728

Hello Everyone

Are there any folks around here that have the Harris Rf-1310 exciter and are not using a Rf-110A or a Rf-1110 amplifier. what do you use and how did you interface it with the exciter. All I have is a
RF-5031PA-125 and not sure how to interface it, as I think it is not compatible. any ideas?

73's Lee.

1729. rf-5033 fault code Module A30 (amp) Fault F01

Yahoo group: harris-radio
Date: 2014-01-03 03:37:39 UTC
From: <j.cherry377@...>
Topic: 1729 Message: 1729

Anyone have an idea what F01 is for, everything works but I get this fault code during bit.

1730. RE: rf-5033 fault code Module A30 (amp) Fault F01

Yahoo group: harris-radio
Date: 2014-01-03 15:00:24 UTC
From: <prcradio@...>
Topic: 1729 Message: 1730

A30 F01 is "communications failure between power amplifier and RT1694 receiver-transmitter".
Mike

1731. RE: [harris-radio] RE: rf-5033 fault code Module A30 (amp) Fault F01

Yahoo group: harris-radio
Date: 2014-01-03 15:20:16 UTC
From: Roger w
Topic: 1729 Message: 1731

Right you are.

You need to check the f/w of the 138 and the 5033.

Is the 5033 a 5033 or a 5833? oR a 5033 with 5833 f/w installed

Some early 138 f/w will necessarily not work with even a 5033.

I know for certain a 138 V2 f/w when connected to a 5033 with 5833 f/w or a 5833 with 5833 f/w will exhibit the A01 fault but work OK in all respects.

Some 138 V1 will not , depending on the 5033 f/w.

Do a revision test list of all the f/w in the 138 and the 5033 A30

I do have a matrix that will help.

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of prcradio@...
Sent: Friday, January 03, 2014 10:00 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RE: rf-5033 fault code Module A30 (amp) Fault F01

A30 F01 is "communications failure between power amplifier and RT1694 receiver-transmitter".

Mike

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

1732. Re: Hello Any help finding the schematic of this Harris PA board

Yahoo group: harris-radio
Date: 2014-01-04 03:20:49 UTC
From: rfsystem@sbcglobal.net
Topic: 1717 Message: 1732

Look in the files section, posted them a few weeks ago.

Greg

--- In harris-radio@yahoogroups.com, <co8fs@...> wrote:
>
> HelloH http://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1346653666/lightbox/2053293174 IMGP0001
> co8fs, Jun 22
>
>
> http://xa.yimg.com/kq/groups/9183175/or/2053293174/name/IMGP0001.JPG?download=10
>
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>
http://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1346653666/lightbox/72265829 IMGP0002
> co8fs, Jun 22
>
>
> http://xa.yimg.com/kq/groups/9183175/or/72265829/name/IMGP0002.JPG?download=10
>
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>
> http://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1346653666/lightbox/322562374 IMGP0003
> co8fs, Jun 22
>
>
> http://xa.yimg.com/kq/groups/9183175/or/322562374/name/IMGP0003.JPG?download=10
>
>
>
>
>
>
> http://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1346653666/lightbox/414454690 IMGP0005

> co8fs, Jun 22
>
>
> http://xa.yimg.com/kq/groups/9183175/or/414454690/name/IMGP0005.JPG?download=10
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> http://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1346653666/lightbox/1169953118 IMGP0006
> co8fs, Jun 22
>
>
> http://xa.yimg.com/kq/groups/9183175/or/1169953118/name/IMGP0006.JPG?download=10
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> http://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1346653666/lightbox/1586104872 IMGP0004
> co8fs, Jun 22
>
>
> http://xa.yimg.com/kq/groups/9183175/or/1586104872/name/IMGP0004.JPG?download=10
>

1733. Re: Harris manuals and spare cards for sale

Yahoo group: harris-radio
Date: 2014-01-04 03:23:34 UTC
From: rfsystem@sbcglobal.net
Topic: 1348 Message: 1733

Sorry for slow reply, someone bought all my 10073-xxxx boards already.

Greg

--- In harris-radio@yahoogroups.com, <diazsilveiracarlos@...> wrote:
>
> I need the Frequency Standard Assembly A-21 part # 10073-6600 or 10073-7321. If you do not have this units separately I will buy the A-12/A-21 Reference Generator Assembly. They are for an RF-590A receiver
> Please let me know how much you want for them
> Carlos AB4Q
> My phone is 305-32-2381.
> Thanks for your attention.
>

1734. RF-1124A 100V PSU

Yahoo group: harris-radio
Date: 2014-01-07 22:20:17 UTC
From: <oz8so@...>
Topic: 1734 Message: 1734

Hello all,

My defective 100 V PCB 6902-6020 dosn´t match the diagram in my manual. Can anyone help please?

73
Jens/OZ8SO

1735. RF-5034PA-400

Yahoo group: harris-radio
Date: 2014-01-13 22:11:36 UTC
From: vk5abc
Topic: 1534 Message: 1735

Hello All

Anyone with a block diagram for the RF-5034PA-400 amplifier

73's Lee.

1736. RF-5030PA/CU-20

Yahoo group: harris-radio
Date: 2014-01-13 22:13:38 UTC
From: vk5abc
Topic: 1736 Message: 1736

Hello All

Anyone with circuit for a RF-5030PA/CU-20

73's Lee.

1737. RE: [harris-radio] RF-5034PA-400

Yahoo group: harris-radio
Date: 2014-01-13 22:36:41 UTC
From: Roger w
Topic: 1534 Message: 1737

Hi lee

I do, Contact me,

5034 and 5030 data

E mail waldrgr@...

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of vk5abc
Sent: Monday, January 13, 2014 5:12 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5034PA-400

Hello All

Anyone with a block diagram for the RF-5034PA-400 amplifier

73's Lee.

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http://www.avast.com

1738. Harris Rf-1110 help

Yahoo group: harris-radio
Date: 2014-01-15 06:22:36 UTC
From: vk5abc
Topic: 1738 Message: 1738

Hello Everyone

I need some help, does anyone have a circuit for the control board and the low pass filter board for the Rf-1110 amplifier.

73's Lee.

1739. Re: Harris Rf-1110 help

Yahoo group: harris-radio
Date: 2014-01-15 20:10:30 UTC
From: rfsystem@sbcglobal.net
Topic: 1738 Message: 1739

I posted them in the Files under RF1110A Schematics.

GB

--- In harris-radio@yahoogroups.com, "vk5abc" <vk5abc@...> wrote:
>
> Hello Everyone
>
> I need some help, does anyone have a circuit for the control board and the low pass filter board for the Rf-1110 amplifier.
>
> 73's Lee.
>

1740. Re: Harris Rf-1110 help

Yahoo group: harris-radio
Date: 2014-01-16 18:04:47 UTC
From: <oz8so@...>
Topic: 1738 Message: 1740

Hello "GB"

Can you possibly help me with my FR-1124A PSU. The 100V PSU board 6902-6020 is defective, but the diagram in my manual is newer and do not at all look like the PCB!
I simply need a diagram from an older manual.

73
Jens/OZ8SO/Denmark

1741. Re: Harris Rf-1110 help

Yahoo group: harris-radio
Date: 2014-01-16 23:06:08 UTC
From: rfsystem@sbcglobal.net
Topic: 1738 Message: 1741

Sorry, I don't have a RF-1124a manual.

--- In harris-radio@yahoogroups.com, <oz8so@...> wrote:
>
> Hello "GB"
>
> Can you possibly help me with my FR-1124A PSU. The 100V PSU board 6902-6020 is defective, but the diagram in my manual is newer and do not at all look like the PCB!
> I simply need a diagram from an older manual.
>
> 73
> Jens/OZ8SO/Denmark
>

1742. RF-3200E is forgetting

Yahoo group: harris-radio
Date: 2014-01-21 17:21:31 UTC
From: Dave Maples
Topic: 1742 Message: 1742

Gents: I put the RF-3200E in the ALE mode and it asked me for a new 3-digit SELF callsign in position zero. I suspect that this means that the little battery that holds up the ALE memory is dead or dying. Anyone ever replaced it with another battery type that is more easily replaced? What do I need to do to replace it?

Thanks,
Dave WB4FUR

1743. RE: [harris-radio] RF-3200E is forgetting

Yahoo group: harris-radio
Date: 2014-01-21 19:31:56 UTC
From: Roger w
Topic: 1742 Message: 1743

Hello Dave

You need to replace it with the same kind.

Even though some have a black cover on it , it is the same as in the
5000,138 radios. Black cover not needed.

It is a HEEPER LTC-7PN lithium 750maH 3.5v

They are available at many electronic supply stores.

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On
Behalf Of Dave Maples
Sent: Tuesday, January 21, 2014 12:22 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-3200E is forgetting

Gents: I put the RF-3200E in the ALE mode and it asked me for a new 3-digit
SELF callsign in position zero. I suspect that this means that the little
battery that holds up the ALE memory is dead or dying. Anyone ever replaced
it with another battery type that is more easily replaced? What do I need
to do to replace it?

Thanks,
Dave WB4FUR

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

1744. Re: [harris-radio] RF-3200E is forgetting

Yahoo group: harris-radio
Date: 2014-01-21 20:02:25 UTC
From: Brooke Clarke
Topic: 1742 Message: 1744

Hi:

Mike Murphy has that battery:
http://www.murphyjunk.net/harris-gear

Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

Roger w wrote:
>
>
> Hello Dave
>
> You need to replace it with the same kind.
>
> Even though some have a black cover on it , it is the same as in the 5000,138 radios.
Black cover not needed.
>
> It is a HEEPER LTC-7PN lithium 750maH 3.5v
>
> They are available at many electronic supply stores.
>
> Regards
>
> Roger
>
> Roger w
>
> waldrgr@... <mailto:waldrgr@...>
>
> k4alphapapa
>
> 3200 ,2000,3230,
>
> 5000, 138, 3201
>
> Rochester NY USA
>
> *From:*harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] *On Behalf Of
*Dave Maples
> *Sent:* Tuesday, January 21, 2014 12:22 PM
> *To:* harris-radio@yahoogroups.com
> *Subject:* [harris-radio] RF-3200E is forgetting

>
> Gents: I put the RF-3200E in the ALE mode and it asked me for a new 3-digit
> SELF callsign in position zero. I suspect that this means that the little
> battery that holds up the ALE memory is dead or dying. Anyone ever replaced
> it with another battery type that is more easily replaced? What do I need
> to do to replace it?
>
> Thanks,
> Dave WB4FUR
>
>
>
> ----------

> <http://www.avast.com/>
>
> This email is free from viruses and malware because avast! Antivirus
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>

1745. R-2368 encoder

Yahoo group: harris-radio
Date: 2014-01-24 05:25:01 UTC
From: vk5abc
Topic: 1037 Message: 1745

Hello All

I have defective shaft encoder on my R2368 so I can find a replacement does anyone have the technical specifications or the original maker's name and part number. Does anyone have a spare????

73's Lee.

1746. RF-350 LPF BIT error

Yahoo group: harris-radio
Date: 2014-01-31 04:27:03 UTC
From: <n4be_jim@...>
Topic: 1746 Message: 1746

I have an RF-350K which gives a 1 A1A5 1 BIT fault code. The book says this means LPF Band 1 is open. It appears to Tx ok on one brief test on 7Mhz. But the Rx doesn't hear well on any frequency. I can hear signals only weakly. I have read that the LPF error is due to a stuck/bad relay. Can anyone point me to the most likely relay? I will try cleaning it. Also it seems a band 1 LP failure wouldn't affect Rx on higher bands?

Any suggestions greatly appreciated.

Jim Miller N4BE
Melbourne, Fl

Sent from my iPad

1747. Re: [harris-radio] RF-350 LPF BIT error

Yahoo group: harris-radio
Date: 2014-01-31 04:37:14 UTC
From: Peter Gottlieb
Topic: 1746 Message: 1747

Those relays are a ubiquitous problem in these radios. They are also no longer manufactured and very difficult to find, with no direct replacements.

It is tricky but possible to remove the covers without unsoldering them. This is what you want to do. Then you can carefully burnish then clean the contacts and you will be ok for a while until another one acts up. Lather, rinse, repeat. You get good at it after a little while.

I like the rig although I would like it even more if it had a tuning knob. Somewhere I have a VB6 program I wrote which allows computer control through a nice software front panel. Others have done the same, look around on the web.

Peter

On 1/30/2014 8:27 PM, n4be_jim@... wrote:
>
> I have an RF-350K which gives a 1 A1A5 1 BIT fault code. The book says this
> means LPF Band 1 is open. It appears to Tx ok on one brief test on 7Mhz. But
> the Rx doesn't hear well on any frequency. I can hear signals only weakly. I
> have read that the LPF error is due to a stuck/bad relay. Can anyone point me
> to the most likely relay? I will try cleaning it. Also it seems a band 1 LP
> failure wouldn't affect Rx on higher bands?
>
> Any suggestions greatly appreciated.
>
> Jim Miller N4BE
> Melbourne, Fl
>
> Sent from my iPad
>
>

1748. Re: [harris-radio] RF-350 LPF BIT error

Yahoo group: harris-radio
Date: 2014-01-31 13:15:51 UTC
From: Terry
Topic: 1746 Message: 1748

This error typically doesn't affect RX if it is just caused by a "dirty" contact if the Contact is actually sutck open it would however.

Terry
AB8AL

From: "n4be_jim@..." <n4be_jim@...>
To: harris-radio@yahoogroups.com
Sent: Thursday, January 30, 2014 11:27 PM
Subject: [harris-radio] RF-350 LPF BIT error

I have an RF-350K which gives a 1 A1A5 1 BIT fault code. The book says this means LPF Band 1 is open. It appears to Tx ok on one brief test on 7Mhz. But the Rx doesn't hear well on any frequency. I can hear signals only weakly. I have read that the LPF error is due to a stuck/bad relay. Can anyone point me to the most likely relay? I will try cleaning it.
 Also it seems a band 1 LP failure wouldn't affect Rx on higher bands?

Any suggestions greatly appreciated.

Jim Miller N4BE
Melbourne, Fl

Sent from my iPad

1749. Re: RF-350 LPF BIT error

Yahoo group: harris-radio
Date: 2014-01-31 14:41:37 UTC
From: Stuart C
Topic: 1746 Message: 1749

OK Jim here is the deal on the RF350K. The BIT uses a test signal which is generated on the LPF board.
The signal is at 2.4576Mhz at about -18dbm. Since the filters are all of the low pass type this signal will
go through all of the filters starting with band one. Since you got an A1A5 1 fault code that means the
bit test program did not recieve the test signal at the proper level. Band 1 is from 1.6 to 2.599 Mhz.
Since you stated the RX does not hear well on any frequency you might want to check the K13 and 14
relays on the LPF. K13 is the TX/RX relay and K14 is the BIT TEST relay which removes the antenna
during the BIT TEST.
Another simple test would be to remove the connector on the cable from the LPF to the 1st converter
board and attach the antenna directly to the 1st converter. If the radio starts recieving then the problem
is definetly in the LPF and mostlikely a relay problem.

I have a few spare relays if you should need one email me directly at n5lbz@...

If connecting the antenna directly to the rf input on the 1st converter does not get the RX to recieve
correctly then you will need to have schematics and other technicial info which is available on the
internet. You will also need some test equipment freq conunter, signal generator, and a rf level meter.

If you are not a technicial person or dont have the equipment maybe you can find someone locally
who is. Check with a local club.

Stuart
N5LBZ

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Only two defining forces have ever offered
to die for you, Jesus Christ and the American G.I.
One died for you soul; ~ the other for your freedom.
PRAY FOR OBAMA!!! PSALM 109:8

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1750. Re: RF-350 LPF BIT error

Yahoo group: harris-radio
Date: 2014-01-31 14:54:38 UTC
From: Ron Boltz
Topic: 1746 Message: 1750

If you can't fix the relay, I have quite a few.

Ron Boltz

1752. RF-1110d 5wire interface

Yahoo group: harris-radio
Date: 2014-02-02 01:51:20 UTC
From: <dogbertdc@...>
Topic: 1752 Message: 1752

Can anyone help understand me with the 5 wire band switch interface?

I have the bit decode but I need to see the schematic of the interface to help me talk to it.

I am working on an Arduino project to control it with my IC-746.

thanks ..

Dave WB4HYP

1753. WTB: RF-590,RF-590A, R2368, or maybe RF-1310 METER BOARD A13A3

Yahoo group: harris-radio
Date: 2014-02-03 18:10:11 UTC
From: <gibharris@...>
Topic: 1753 Message: 1753

I need a meter board -actually just the 4 section interlocking meter switch .mounted on it. S1-S4. Don't need meter. Also, the control board A14, hopefully working. Thanks! Gilbert

1754. RE: RF-1110d 5wire interface

Yahoo group: harris-radio
Date: 2014-02-03 18:14:02 UTC
From: <steve@...>
Topic: 1752 Message: 1754

Dave,
The RF-1110D does not use the 5 Wire code. It is controlled by ASCII commands from the exciter, the interface is RS-422.

73
Steve KD2OM/NNN0HSB

1755. Rf-590/R2368 help

Yahoo group: harris-radio
Date: 2014-02-03 20:19:22 UTC
From: vk5abc
Topic: 1755 Message: 1755

Hello Everyone

I need a optical shaft encoder for my Harris R-2368 receiver,
can anyone help?

73's Lee.

1756. RE: RF-1110d 5wire interface

Yahoo group: harris-radio
Date: 2014-02-04 14:16:10 UTC
From: <dogbertdc@...>
Topic: 1752 Message: 1756

Thanks Steve,

OK, that must mean the "D"model is the "smart" digital version.

If that's the case I guessed the model wrong. I am on the road and cant put an eyeball on it right now. But I am sure this RF-1100 is "dumb" and uses the 5 wire interface.

So maybe an RF-1100 or RF1100C which ever was designed to use the same interface as the RF110.

This amp has an interface to decode that 5 wire code and I'm looking for something that shows that electrical interface to talk to it.

Dave WB4HYP

1757. RE: RF-1110d 5wire interface

Yahoo group: harris-radio
Date: 2014-02-04 15:42:22 UTC
From: <dogbertdc@...>
Topic: 1752 Message: 1757

OK found it!

This amp is an RF-1110A and the interface is 5 wire as I described

1758. Manual RF 550 needed

Yahoo group: harris-radio
Date: 2014-02-04 19:47:43 UTC
From: <nieuwasterd@...>
Topic: 1758 Message: 1758

Hello group, Is there anyone who can help me get my hands on a manual for the RF 550. It does not matter if it is digital or a paper version. Anything is welcome. I will be more than happy to pay a reasonable price for it.
Thanks in advance.

Regards,

Henk

1759. RE: Manual RF 550 needed

Yahoo group: harris-radio
Date: 2014-02-05 10:19:21 UTC
From: <nieuwasterd@...>
Topic: 1758 Message: 1759

Hello group,

Wolfgang was so friendly and helpfull to provide me with the relevant manuals for the RF 550. Thank you all and in particular Wolfgang.

Regards and good luck to all.

Henk

1760. RE: RF-1110d 5wire interface

Yahoo group: harris-radio
Date: 2014-02-06 06:01:27 UTC
From: <steve@...>
Topic: 1752 Message: 1760

The D model is just the latest model, Both C and D use FETS and have an RS-422 interface. The A uses transistor output devices and the old 5 wire code as used on the RF-110 tube amplifiers.The A18 board of the RF-1310 exciter is the schematic you are looking for. I am not sure I have one but will check.

73
Steve KD2OM

1761. RF-110 5 wire BCD band interface / RF-127 Coupler

Yahoo group: harris-radio
Date: 2014-02-06 15:38:28 UTC
From: <w2hx@...>
Topic: 1761 Message: 1761

(yahoo refuses to pass my messages. so trying again).
This discussion of the 5 wire band switch data reminded me of a question I'd been meaning to ask the group…
I have a URT-23B with the AM-3924B (RF-110A) and use it with both the RF-1310 and T-827 (not at the same time, of course!). And I have the RF-127 antenna coupler that I use with it. This antenna coupler requires band information from the amplifier for it to work. It uses the same 5 bit data. On my amp, the band data was not brought out to the rear connector J6. So I had to add the wiring myself. It wasn't very difficult because I grabbed the signals from J7 (exciter connector) and brought it over to J6 maybe a total of 4 inches of wire.

The question is, was there a specific version of the 110A that had these data lines brought out? And who used the 127? What kind of installation would have used it as opposed to the RF-601A which seems much more ubiquitous. I do know that some of these 127's had combiners in them. Presumably to run two 110A's and get 2500 Watts out. But it seems that many of these were modified and the combiner removed for use with a single 110A amp.

Anyone have any history on this set up?
(I tried to post a link to some information I have on this setup, but yahoo seems to reject it. Please email me for more information on this modification).

1762. RF-3230 Amplifier

Yahoo group: harris-radio
Date: 2014-02-20 02:33:39 UTC
From: <steve@...>
Topic: 1762 Message: 1762

Does anyone have spare boards or a dead RF-3230 amp? A friend of mine has one with a problem that might be solved easier with a board change.

Thanks,
73
Steve KD2OM

1764. Harris RF-654 Antenna Coupler

Yahoo group: harris-radio
Date: 2014-02-21 23:11:20 UTC
From: Berndt Josef Wulf
Topic: 1764 Message: 1764

G'day,

I'm still looking for a Harris RF-654 antenna coupler to fill the gap on top of my Harris rack. My plan is to connect several Harris R-2368/URR receivers to a broadband antenna. Please contact me via PM if you have or know someone who has one for sale.

73, Berndt
VK5ABN

1765. Harris RF-601A cables

Yahoo group: harris-radio
Date: 2014-02-21 23:16:07 UTC
From: Berndt Josef Wulf
Topic: 1765 Message: 1765

G'day,

I want to make use of a Harris RF-601A antenna tuner, but lack the cables connecting the tuner to the controller and the controller to the URT-23B rack. Please contact me by PM if you have a set of cables for sale.

73, Berndt
VK5ABN

1767. Sebastian Fernandez

Yahoo group: harris-radio
Date: 2014-03-07 02:57:40 UTC
From: Sebastian Fernandez
Topic: 1767 Message: 1767

http://v2010marathondelarochelle.test.oceanet.eu/co/fox_news.php
Sebastian Fernandez

1768. NSN # for 5800 H MP

Yahoo group: harris-radio
Date: 2014-03-10 23:23:22 UTC
From: <strandbiker1@...>
Topic: 1768 Message: 1768

Hello all:

I need the complete NSN listing for all the Harris 5800 H MP radio system, including complete systems as well as piece meal, (E.g., handsets, whip antennas etc).

Thanks

Skip KD6JA

1769. RF-352 / C-11329/URC

Yahoo group: harris-radio
Date: 2014-03-12 16:32:02 UTC
From: <steve@...>
Topic: 1769 Message: 1769

I am looking for parts for my RF-352 Remote control. I need the top cover, mine is missing.

Also does anyone have a spare main board, P/N 10088-5000, Audio/Microprocessor PWB assy, A2? Mine has a problem, I get LCU OFF blinking with the display from the radio if anyone has seen that before.

Thanks,

73
Steve KD2OM/NNN0HSB

1770. PRC-117F/138/150 front panel power input?

Yahoo group: harris-radio
Date: 2014-03-29 01:26:38 UTC
From: <papakb@...>
Topic: 1770 Message: 1770

This is my first post to the group so here goes. I have a PRC-138 that I would like to install in the short mount (RF-5211VSM) in a HMMWV. The short mount doesn't have any input power provision so I'm looking for information about powering the radio through one of the front panel connectors. Does anyone know which connector and which pins would be involved?

Thanks in advance,

Kurt Lesser
KG6KMJ

1771. RE: [harris-radio] PRC-117F/138/150 front panel power input?

Yahoo group: harris-radio
Date: 2014-03-29 17:36:28 UTC
From: Roger w
Topic: 1770 Message: 1771

Hello KG6KMJ:

On the EXTERNAL PA CONTROL CONNECTOR” J6 are 2 sets of power contacts:

1 set J6- E and- J are for charging the batteries

AND

J6-F is R/T GND Rtn

J6-K is R/T EXT DC +

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of papakb@...
Sent: Friday, March 28, 2014 9:27 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] PRC-117F/138/150 front panel power input?

This is my first post to the group so here goes. I have a PRC-138 that I would like to install in the short mount (RF-5211VSM) in a HMMWV. The short mount doesn't have any input power provision so I'm looking for information about powering the radio through one of the front panel connectors. Does anyone know which connector and which pins would be involved?

Thanks in advance,

Kurt Lesser

KG6KMJ

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1772. RF-382 coupler fault

Yahoo group: harris-radio
Date: 2014-03-29 18:29:59 UTC
From: Richard Johnson
Topic: 1770 Message: 1772

My Rf-382 coupler is giving an intermittent fault while tuning occasionally with my 5022.
I have noticed it upon key up on 3.996, 7.260 and today on a couple reqs on 10 and 18 MHz while doing ALE sounding.
I go back to the radio and retune and do a VSWR test and get a high like 39:1 VWSR report and then jump freqs, do a VSWR test with like a 1.1 :1 then come back to the 10mhz freq and do another VSWR test and this time get a good 1.2:1 test instead of the 39:1 I got last time.

Any experience with intermittent tuning on the couplers and what I can do to service it?
Regards
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

1773. RE: [harris-radio] PRC-117F/138/150 front panel power input?

Yahoo group: harris-radio
Date: 2014-03-29 23:11:24 UTC
From: <papakb@...>
Topic: 1770 Message: 1773

Thank you for the information Roger, does this information apply to all 3 radios?

KG6KMJ

1774. Re: RF-382 coupler fault

Yahoo group: harris-radio
Date: 2014-03-29 23:39:43 UTC
From: <steve@...>
Topic: 1770 Message: 1774

Rich,
Unless it is arcing because of a dirty beehive connector, it is probably a relay inside the coupler. If you open it up, there is a self test function along with leds for diagnosing problems.
73
Steve KD2OM

1775. RE: [harris-radio] PRC-117F/138/150 front panel power input?

Yahoo group: harris-radio
Date: 2014-03-30 00:04:12 UTC
From: Roger w
Topic: 1770 Message: 1775

Hi KG6KMJ;

Probably NO only the 138.

The 117F and the 150 use different connectors and I do not have any data on them.

Roger w

waldrgr@rochester.rr.com

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of papakb@...
Sent: Saturday, March 29, 2014 7:11 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] PRC-117F/138/150 front panel power input?

Thank you for the information Roger, does this information apply to all 3 radios?

KG6KMJ

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http://www.avast.com

1776. wtb R590A shaft encoder

Yahoo group: harris-radio
Date: 2014-04-06 13:11:30 UTC
From: <vk5abc@...>
Topic: 1776 Message: 1776

Hello All

I need a replacement shaft encoder for my Harris R2368 can anyone help?

73's Lee

1777. Harris RF-550 frequency standard A2A7

Yahoo group: harris-radio
Date: 2014-04-06 14:18:52 UTC
From: John Watkins
Topic: 1776 Message: 1777

Lee's email reminded me that I still need a Frequency Standard for my RF-550. Number on the top is 1920-1350 and the location is A2A7. Anyone have an extra?

Thanks,

John WD5ENU

Sent from my iPad

On Apr 6, 2014, at 8:11, <vk5abc@...> wrote:

>
>
> Hello All
>
>
>
> I need a replacement shaft encoder for my Harris R2368 can anyone help?
>
>
>
> 73's Lee
>
>
>
>

1779. TX audio problem - RT-1446

Yahoo group: harris-radio
Date: 2014-04-08 20:37:21 UTC
From: <ed.leavitt@...>
Topic: 1779 Message: 1779

We have several RT-1446 transceivers which I understand are essentially the RF-350. All three share a common problem. All the radios seem to be transmitting a "pinched sounding" audio. The (voice) audio seems to be de emphasizing bass tones. We've swapped out half a dozen microphones without any improvement. Most of the mics were the fairly standard black Harris noise cancelling, one was the handset style similar in shape to a WECO-500 telephone handset, and the last was an M-80 "pork chop" that was standard on VRC-12 series radios. One of the Harris mic's was still in plastic with inspection tags when I got it, has hardly been used and certainly never abused.

Any ideas what common problem we might be having to make three radios sound so nasty?

Should we try a partial alignment, and if so, where should we focus our attention?

****
Edmund Leavitt
K7EFL / AFA0AH USNG: 10TET36292223
****

1780. Re: [harris-radio] TX audio problem - RT-1446

Yahoo group: harris-radio
Date: 2014-04-09 05:23:46 UTC
From: Peter Gottlieb
Topic: 1779 Message: 1780

I'm not sure about alignment. Can you try sending audio from an aux input?

With all those different mics and 3 radios is the common element the receiver?

On 4/8/2014 1:37 PM, ed.leavitt@... wrote:
>
>
> We have several RT-1446 transceivers which I understand are essentially
> the RF-350. All three share a common problem. All the radios seem to be
> transmitting a "pinched sounding" audio. The (voice) audio seems to be
> de emphasizing bass tones. We've swapped out half a dozen microphones
> without any improvement. Most of the mics were the fairly standard black
> Harris noise cancelling, one was the handset style similar in shape to a
> WECO-500 telephone handset, and the last was an M-80 "pork chop" that was
> standard on VRC-12 series radios. One of the Harris mic's was still in
> plastic with inspection tags when I got it, has hardly been used and
> certainly never abused.
>
> Any ideas what common problem we might be having to make three radios
> sound so nasty?
>
> Should we try a partial alignment, and if so, where should we focus our
> attention?
>
> **********
> Edmund Leavitt
> K7EFL / AFA0AH USNG: 10TET36292223
> **********
>
>

1781. Re: [harris-radio] TX audio problem - RT-1446

Yahoo group: harris-radio
Date: 2014-04-09 17:06:54 UTC
From: <ed.leavitt@...>
Topic: 1779 Message: 1781

CORRECTION: The mic I have is a Heil HM-10-5 and has a FOUR pin XLR connector.

****
Edmund Leavitt
K7EFL / AFA0AH USNG: 10TET36292223
****

1782. A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-04-11 17:54:38 UTC
From: <kc5ijd@...>
Topic: 1782 Message: 1782

I just purchased a PRC-138 which is missing its A7 Power Conversion Module.

Can anyone assist me is securing a replacement so I will be able to get this radio in operation.

I have checked with Mike Murphy, Jim Karlow, and several others with no success,

Joseph Pinner +
KC5IJD / NNN0PHR

1783. Re: [harris-radio] A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-04-11 22:45:43 UTC
From: S C Marrow
Topic: 1782 Message: 1783

Good Luck! That probably why Tom never had it running.

SCM325

1784. Re: [harris-radio] A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-04-12 00:59:50 UTC
From: Joseph
Topic: 1782 Message: 1784

Well, that could well be true.

But there must be some spares out there as well as other non-working units out there.

Hopefully I can find someone with the module who is willing to part with it.

On 4/11/2014 6:45 PM, S C Marrow wrote:
> □
>
> Good Luck! That probably why Tom never had it running.
> SCM325
>
--
Joseph Pinner +

KC5IJD / NNN0PHR

1785. Re: [harris-radio] A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-04-12 03:01:29 UTC
From: <prcradio@...>
Topic: 1782 Message: 1785

Many years ago there were a few sets of 138 spares sold on Ebay but I haven't seen any offered in maybe 10yrs. I bought a set but am holding on to them in case I find a 138 that needs that magic board to get it going.
Mike

1786. Re: [harris-radio] A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-04-12 03:07:57 UTC
From: Chance Wolf
Topic: 1782 Message: 1786

I watch Ebay like a hawk and have since 98-99 and have *never* seen PRC-138 spares – nor on any of the usual websites. Which is the main reason I didn’t try for the incomplete 138 myself

From: prcradio@yahoo.com
Sent: Friday, April 11, 2014 8:01 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] A7 Power Module for PRC-138

Many years ago there were a few sets of 138 spares sold on Ebay but I haven't seen any offered in maybe 10yrs. I bought a set but am holding on to them in case I find a 138 that needs that magic board to get it going.
Mike

[Non-text portions of this message have been removed]

1787. Re: [harris-radio] A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-04-12 15:16:46 UTC
From: <prcradio@...>
Topic: 1782 Message: 1787

Maybe it was a little more than 10yrs ago but a couple of spares sets sold and at one point the impossible to get PRC-138 chassis with motherboards up. I bid too low and not 5min after it sold I got an email from the winning bidder (a friend) offering to sell at 5X the ending price. I bought it and was lucky to get it.
Mike

1788. RF-230 available

Yahoo group: harris-radio
Date: 2014-04-12 16:06:09 UTC
From: <george@...>
Topic: 1788 Message: 1788

Before I hit Ebay with it figured I'd ask here first if there is any interest in a RF-230. 64 channel (dual programming cards). Just bench tested. Seems fine. 150 watts out. RX is hot. Voice Squelch works.
Probably hit Ebay on Monday 4/14.

GeorgeC
W2DB

1789. Re: [harris-radio] A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-04-12 17:40:38 UTC
From: Chance Wolf
Topic: 1782 Message: 1789

Smart to salt it all away for that rainy day we *hope* never comes with impossibly rare and expensive (and fun) stuff like the 138 and friends. I missed a few auctions like that for various reasons (mostly different flavours of stupidity), but it helps remind you to bid high and bid often – as it’s all perspective if the stuff really is never likely to show up again, and you can always make more money.

From: prcradio@...
Sent: Saturday, April 12, 2014 8:16 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] A7 Power Module for PRC-138

Maybe it was a little more than 10yrs ago but a couple of spares sets sold and at one point the impossible to get PRC-138 chassis with motherboards up. I bid too low and not 5min after it sold I got an email from the winning bidder (a friend) offering to sell at 5X the ending price. I bought it and was lucky to get it.
Mike

1790. Re: [harris-radio] A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-04-12 18:16:04 UTC
From: <prcradio@...>
Topic: 1782 Message: 1790

I kinda remember some of the Ebay stuff did not specify it was for the 138, you had to be familiar with the innards and recognize pics of the boards. Probably why there was a limited amount of people bidding at the time.
Mike

1791. RE: [harris-radio] A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-04-12 21:07:56 UTC
From: Roger w
Topic: 1782 Message: 1791

Hi Joe KC5IJD:

I agree with all the replies…..138 stuff will be hard to find.

If you feel up for a challenge , I have the service section A7 104303-2200 power supply ,description , theory, parts list and schematic of this jewel .

About 15 pages ….Email availability.

They packed a switching power supply into that little can on 2 pc bds

Voltages are +24v, +24v return, -12v, +16v unregulated, main PS on, 6.8v, +5.0 v ground.

If anyone needs this section , give me a shout.

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of kc5ijd@...
Sent: Friday, April 11, 2014 1:55 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] A7 Power Module for PRC-138

I just purchased a PRC-138 which is missing its A7 Power Conversion Module.

Can anyone assist me is securing a replacement so I will be able to get this radio in operation.

I have checked with Mike Murphy, Jim Karlow, and several others with no success,

Joseph Pinner +
KC5IJD / NNN0PHR

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

1792. Re: [harris-radio] A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-04-12 21:25:59 UTC
From: Chance Wolf
Topic: 1782 Message: 1792

God. I hope they didn't use the same setup that they used on the plain model PRC-117s/ RF-3090s. Had five or six pass through my hands and they were all shot. Jim Karlow still around? He used to repair the 117s - maybe he can fix/ supply the board for the 138.

Sent from my iPhone. Probably because I'm outside wrestling wolves.

> On Apr 12, 2014, at 2:07 PM, Roger w <waldrgr@...> wrote:
>
> Hi Joe KC5IJD:
>
> I agree with all the replies…..138 stuff will be hard to find.
>
> If you feel up for a challenge , I have the service section A7 104303-2200 power supply ,description , theory, parts list and schematic of this jewel .
>
> About 15 pages ….Email availability.
>
> They packed a switching power supply into that little can on 2 pc bds
>
> Voltages are +24v, +24v return, -12v, +16v unregulated, main PS on, 6.8v, +5.0 v ground.
>
>
>
> If anyone needs this section , give me a shout.
>
>
>
> Regards
>
>
>
> Roger w
>
> waldrgr@...
>
>
>
> k4alphapapa
>
> 3200 ,2000,3230,
>
> 5000, 138, 3201
>
> Rochester NY USA
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>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of kc5ijd@...
> Sent: Friday, April 11, 2014 1:55 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] A7 Power Module for PRC-138
>
>
>
>
>
> I just purchased a PRC-138 which is missing its A7 Power Conversion Module.
>
> Can anyone assist me is securing a replacement so I will be able to get this radio in operation.
>
> I have checked with Mike Murphy, Jim Karlow, and several others with no success,
>
> Joseph Pinner +
> KC5IJD / NNN0PHR
>
>
>
>
>
> This email is free from viruses and malware because avast! Antivirus protection is active.
>
>
>

1793. RE: [harris-radio] A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-04-12 21:54:06 UTC
From: W2HX
Topic: 1782 Message: 1793

Roger, et. Al

I contacted Joe and sent him that section. I suggested it could be possible to make his own PCB that could do the job, maybe not as well as the board part, but maybe enough to get him on the air.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Roger w
Sent: Saturday, April 12, 2014 5:08 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] A7 Power Module for PRC-138

Hi Joe KC5IJD:
I agree with all the replies…..138 stuff will be hard to find.
If you feel up for a challenge , I have the service section A7 104303-2200 power supply ,description , theory, parts list and schematic of this jewel .
About 15 pages ….Email availability.
They packed a switching power supply into that little can on 2 pc bds
Voltages are +24v, +24v return, -12v, +16v unregulated, main PS on, 6.8v, +5.0 v ground.

If anyone needs this section , give me a shout.

Regards

Roger w
waldrgr@rochester.rr.com<mailto:waldrgr@rochester.rr.com>

k4alphapapa
3200 ,2000,3230,
5000, 138, 3201
Rochester NY USA

From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com> [mailto:harris-radio@yahoogroups.com] On Behalf Of kc5ijd@bellsouth.net<mailto:kc5ijd@bellsouth.net>
Sent: Friday, April 11, 2014 1:55 PM
To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Subject: [harris-radio] A7 Power Module for PRC-138

I just purchased a PRC-138 which is missing its A7 Power Conversion Module.

Can anyone assist me is securing a replacement so I will be able to get this radio in operation.

I have checked with Mike Murphy, Jim Karlow, and several others with no success,

Joseph Pinner +
KC5IJD / NNN0PHR

[http://static.avast.com/emails/avast-mail-stamp.png]<http://www.avast.com/>

This email is free from viruses and malware because avast!
Antivirus<http://www.avast.com/> protection is active.

1794. Re: [harris-radio] A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-04-12 23:45:55 UTC
From: Brooke Clarke
Topic: 1782 Message: 1794

Hi Joe:

If you give up on the A7 I might be interested in buying this project.
PS do you have a bad A7 or is it completely missing?

Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

kc5ijd@... wrote:
>
>
> I just purchased a PRC-138 which is missing its A7 Power Conversion Module.
>
> Can anyone assist me is securing a replacement so I will be able to get this radio in operation.
>
> I have checked with Mike Murphy, Jim Karlow, and several others with no success,
>
> Joseph Pinner +
> KC5IJD / NNN0PHR
>
>

1795. Re: [harris-radio] A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-04-13 01:53:05 UTC
From: Joseph
Topic: 1782 Message: 1795

Well, I am inclined to be patient, plus I really want a working PRC-138
for my MARS station.

It is missing, but Tom has a mangled module I hope to get from him.

On 4/12/2014 7:45 PM, Brooke Clarke wrote:
> Hi Joe:
>
> If you give up on the A7 I might be interested in buying this project.
> PS do you have a bad A7 or is it completely missing?
>
> Have Fun,
>
> Brooke Clarke, N6GCE

--
Joseph Pinner +

KC5IJD / NNN0PHR

1796. PRC-117 or RF-3090 parts

Yahoo group: harris-radio
Date: 2014-04-13 21:49:49 UTC
From: John Watkins
Topic: 1782 Message: 1796

Anyone have some cards from the RF-3090 or PRC-117 that I could get some parts from? looking to rebuild mine.

John WD5ENU

From: Chance Wolf <chancewolf@...>
To: "harris-radio@yahoogroups.com" <harris-radio@yahoogroups.com>
Sent: Saturday, April 12, 2014 4:25 PM
Subject: Re: [harris-radio] A7 Power Module for PRC-138

God. I hope they didn't use the same setup that they used on the plain model PRC-117s/ RF-3090s. Had five or six pass through my hands and they were all shot. Jim Karlow still around? He used to repair the 117s - maybe he can fix/ supply the board for the 138.

Sent from my iPhone. Probably because I'm outside wrestling wolves.

On Apr 12, 2014, at 2:07 PM, Roger w <waldrgr@...> wrote:

>Hi Joe KC5IJD:
>I agree with all the replies…..138 stuff will be hard to find.
>If you feel up for a challenge , I have the service section A7 104303-2200 power supply ,description , theory, parts list and schematic of this jewel .
>About 15 pages ….Email availability.
>They packed a switching power supply into that little can on 2 pc bds
>Voltages are +24v, +24v return, -12v, +16v unregulated, main PS on, 6.8v, +5.0 v ground.
>
>If anyone needs this section , give me a shout.
>
>Regards
>
>Roger w
>waldrgr@...
>
>k4alphapapa
>3200 ,2000,3230,
>5000, 138, 3201
>Rochester NY USA
>
>
>
>
>
>From:harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of kc5ijd@...

>Sent: Friday, April 11, 2014 1:55 PM
>To: harris-radio@yahoogroups.com
>Subject: [harris-radio] A7 Power Module for PRC-138
>
>
>I just purchased a PRC-138 which is missing its A7 Power Conversion Module.
>
>Can anyone assist me is securing a replacement so I will be able to get this radio in operation.
>
>I have checked with Mike Murphy, Jim Karlow, and several others with no success,
>
>Joseph Pinner +
>KC5IJD / NNN0PHR
>
>
>
>_____
>
> This email is free from viruses and malware because avast! Antivirus protection is active.
>

1797. For Sale RF-339 Coupler Control

Yahoo group: harris-radio
Date: 2014-04-19 19:31:34 UTC
From: Paul Katz
Topic: 1797 Message: 1797

Have new-old stock RF-339 coupler control for RF-281 antenna coupler.
It has the gray painted case with ribs.
Happy to send pictures, it is as new inside and out.
$350 shipped CONUS.

73,
Paul, W5NTQ
713-666-2186

1798. FS harris powerconnector...

Yahoo group: harris-radio
Date: 2014-04-21 13:48:38 UTC
From: <pa1mt@...>
Topic: 1798 Message: 1798

```
FS. Amphenol / bendix connector + chassis. part MS3102A20
on Ebay:
eBay item number:
191144590150
```

1799. Re: [harris-radio] FS harris powerconnector...

Yahoo group: harris-radio
Date: 2014-04-21 21:25:55 UTC
From: Berndt Josef Wulf
Topic: 1798 Message: 1799

G'day,

Element14 lists 176 in stock brand new for AU$51.42each or AU$44.08 for quantities > 3, including free shipment. Why buy second hand and pay shipment of EU6.75 - EU25.00 depending on destination.

http://au.element14.com/amphenol/ms3102a20-19p/connector-circular-size-20-3way/dp/1478719

73, Berndt
VK5ABN

On Mon, 2014-04-21 at 06:48 -0700, pa1mt@... wrote:
>
>
> FS. Amphenol / bendix connector + chassis. part MS3102A20
> on Ebay:
> eBay item number:
> 191144590150
>
>
>

1800. Problem with my RF3200

Yahoo group: harris-radio
Date: 2014-04-22 15:40:30 UTC
From: Clemens Ostergaard
Topic: 1800 Message: 1800

Hi Group,

The magic smoke left my RF3200 transceiver a few weeks ago. The fault was located to R28 on the audio board, which had burnt out, placed a new 10 ohm there only to have that burn too. So obviously something else. (I hope it is not the 11-leg LCD heater element adjacent to it.)

I turned to the relevant section of the service manual, which I had happily ordered when I got the set, only to find that that exact schematic was missing!.

It is the A2 AUDIO PWB ASSEMBLY SCHEMATIC on p.7 of the section which has part no. 10212-2211. (this is in the service manual for the RF3200E, which was the only one obtainable for me, I know there are slight(?) differences to the RF3200).

Has anyone got the schematic and can I ask for a scan or a PDF of it, so I can get down to finding the troublesome component (at a guess it is one of the tantalum caps)?.

Of course, if anyone has had a similar fault, I would like to know :-)

All the best,

New member:
Clemens S.Ostergaard
Aarhus, Denmark

clemenso@...

1801. Re: [harris-radio] FS harris powerconnector...

Yahoo group: harris-radio
Date: 2014-04-22 16:10:58 UTC
From: <gerritspeelman@...>
Topic: 1798 Message: 1801

hello Brendt

This also the connector and chassis .

2 items !

And Element 14 do they ship for free???

regards Gerrit pa1mt

1802. Re: [harris-radio] Problem with my RF3200

Yahoo group: harris-radio
Date: 2014-04-22 16:22:06 UTC
From: Trevor Liburd
Topic: 1800 Message: 1802

Check the the tantalum and the other electrolytic caps, on that board,

v44kai.....Joel.

On Tue, Apr 22, 2014 at 11:40 AM, Clemens Ostergaard <clemenso@...>wrote:

>
>
> Hi Group,
>
> The magic smoke left my RF3200 transceiver a few weeks ago. The fault was
> located to R28 on the audio board, which had burnt out, placed a new 10 ohm
> there only to have that burn too. So obviously something else. (I hope it
> is not the 11-leg LCD heater element adjacent to it.)
>
> I turned to the relevant section of the service manual, which I had
> happily ordered when I got the set, only to find that that exact schematic
> was missing!.
>
> It is the A2 AUDIO PWB ASSEMBLY SCHEMATIC on p.7 of the section which has
> part no. 10212-2211. (this is in the service manual for the RF3200E, which
> was the only one obtainable for me, I know there are slight(?) differences
> to the RF3200).
>
> Has anyone got the schematic and can I ask for a scan or a PDF of it, so I
> can get down to finding the troublesome component (at a guess it is one of
> the tantalum caps)?.
>
> Of course, if anyone has had a similar fault, I would like to know :-)
>
> All the best,
>
> New member:
> Clemens S.Ostergaard
> Aarhus, Denmark
>
> clemenso@...
>
>
>

--
v44kai.....Joel.

1803. Re: [harris-radio] Problem with my RF3200

Yahoo group: harris-radio
Date: 2014-04-22 16:24:49 UTC
From: Peter Gottlieb
Topic: 1800 Message: 1803

Just replace them!

Peter

> On Apr 22, 2014, at 6:22 PM, Trevor Liburd <v44kai@...> wrote:
>
> Check the the tantalum and the other electrolytic caps, on that board,
>
> v44kai.....Joel.
>
>
>> On Tue, Apr 22, 2014 at 11:40 AM, Clemens Ostergaard <clemenso@...> wrote:
>>
>> Hi Group,
>>
>> The magic smoke left my RF3200 transceiver a few weeks ago. The fault was located to R28 on the audio board, which had burnt out, placed a new 10 ohm there only to have that burn too. So obviously something else. (I hope it is not the 11-leg LCD heater element adjacent to it.)
>>
>> I turned to the relevant section of the service manual, which I had happily ordered when I got the set, only to find that that exact schematic was missing!.
>>
>> It is the A2 AUDIO PWB ASSEMBLY SCHEMATIC on p.7 of the section which has part no. 10212-2211. (this is in the service manual for the RF3200E, which was the only one obtainable for me, I know there are slight(?) differences to the RF3200).
>>
>> Has anyone got the schematic and can I ask for a scan or a PDF of it, so I can get down to finding the troublesome component (at a guess it is one of the tantalum caps)?.
>>
>> Of course, if anyone has had a similar fault, I would like to know :-)
>>
>> All the best,
>>
>> New member:
>> Clemens S.Ostergaard
>> Aarhus, Denmark
>>
>> clemenso@...
>
>
>
> --
> v44kai.....Joel.
>

>

1804. Re: Problem with my RF3200

Yahoo group: harris-radio
Date: 2014-04-22 19:01:40 UTC
From: <clemenso@...>
Topic: 1800 Message: 1804

Thank you Peter, Joel, - and JC Daehler for circuits. The tantalums test OK. The resistor that is fried sits between FILTA+ and pin 3 (MICA+) in J1. I cannot quite see how that could carry several amps. Anyone else have problems with FILT
A+?

Best,

Clemens

1805. Re: [harris-radio] Re: Problem with my RF3200

Yahoo group: harris-radio
Date: 2014-04-22 20:59:05 UTC
From: MANUEL H CORTES B
Topic: 1800 Message: 1805

Hi all:
I have this service manual
hk3des

On Tuesday, April 22, 2014 2:01 PM, "clemenso@..." <clemenso@...> wrote:

Thank you Peter, Joel, - and JC Daehler for circuits. The tantalums test OK. The resistor that is fried sits between FILTA+ and pin 3 (MICA+) in J1. I cannot quite see how that could carry several amps. Anyone else have problems with FILT
A+?

Best,

Clemens

[Non-text portions of this message have been removed]

1806. Re: [harris-radio] FS harris powerconnector...

Yahoo group: harris-radio
Date: 2014-04-22 21:27:59 UTC
From: Berndt Josef Wulf
Topic: 1798 Message: 1806

They do/did for orders > AU$45.00 in Australia.

73, Berndt
VK5ABN

On Tue, 2014-04-22 at 09:10 -0700, gerritspeelman@... wrote:
>
>
> hello Brendt
>
> This also the connector and chassis .
>
> 2 items !
>
>
> And Element 14 do they ship for free???
>
> regards Gerrit pa1mt

1807. Re: [harris-radio] Re: Problem with my RF3200

Yahoo group: harris-radio
Date: 2014-04-23 13:28:26 UTC
From: Trevor Liburd
Topic: 1800 Message: 1807

Hi Clemens,

Did you removed the connector from J2, and check Pin 3 on the board to see if the voltage will be ok there? if the voltage is ok without the connector plugged in, then you need to check the mic, and its connections, maybe a wire in the mic plug is shorting.

now, if the volt still not there, and is causing R28 to get hot, I suggest that you check the CP1pin-9 just disconnect pin 9 and see if the voltage show up, these pointers should help somewhat, check and let me know will assist accordingly,

v44kai.....Joel.

On Tue, Apr 22, 2014 at 4:59 PM, MANUEL H CORTES B <hk3des@yahoo.com> wrote:

>
>
> Hi all:
> I have this service manual
> hk3des
>
>
> On Tuesday, April 22, 2014 2:01 PM, "clemenso@..." <
> clemenso@gmail.com> wrote:
>
>
> Thank you Peter, Joel, - and JC Daehler for circuits. The tantalums test
> OK. The resistor that is fried sits between FILTA+ and pin 3 (MICA+) in J1.
> I cannot quite see how that could carry several amps. Anyone else have
> problems with FILT
> A+?
>
> Best,
>
> Clemens
>
> [Non-text portions of this message have been removed]
>
>
>

--
v44kai.....Joel.

1808. Control cable connector for Harris couplers

Yahoo group: harris-radio
Date: 2014-04-24 04:41:52 UTC
From: Paul Katz
Topic: 1808 Message: 1808

New control cable connector AMPHENOL CONNECTOR KIT 10-260390-27S for Harris couplers RF-281, RF-281A, CU-2397, RF-382, RF-382A on eBay item number: 251512022462

73,
Paul, W5NTQ

1809. FS: RF-590 RECEIVER-EXCELLENT

Yahoo group: harris-radio
Date: 2014-04-27 19:56:22 UTC
From: <gibharris@...>
Topic: 1809 Message: 1809

I have a very nice RF-590 receiver fitted with all Collins mechanical IF filters, prior to the less expensive RF-590A which have crystal filters. Works as well as it looks. $1600 plus actual FedEx. Sorry, lower 48 USA sale only. Gilbert

1810. Harris RF-5000/5022

Yahoo group: harris-radio
Date: 2014-04-25 09:54:51 UTC
From: <Stuartjmckinnon@...>
Topic: 1810 Message: 1810

Group

Looking for following cables, Tcvr to PA control, PA to Coupler cable, or failing that any unused plugs, i have the 382 plug, i need the Plug out at PA and suggested cable length and wiring diagram

Many Thanks

Stuart
G0TBI

I will no doubt be asking more questions soon.....

1811. Test Tx

Yahoo group: harris-radio
Date: 2014-04-27 07:59:07 UTC
From: <Stuartjmckinnon@...>
Topic: 1811 Message: 1811

Is this group functioning as it should, posted a request for help on friday i believe, lost in space??

Stuart
G0TBI

1812. Re: Test Tx

Yahoo group: harris-radio
Date: 2014-04-28 01:52:14 UTC
From: <andersendl@...>
Topic: 1811 Message: 1812

I can see this message.

1813. Re: [harris-radio] Harris RF-5000/5022

Yahoo group: harris-radio
Date: 2014-04-28 18:19:39 UTC
From: Brooke Clarke
Topic: 1810 Message: 1813

Hi Stuart:

You may need to fabricate the cables yourself.

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

Stuartjmckinnon@... wrote:
>
>
> Group
>
> Looking for following cables, Tcvr to PA control, PA to Coupler cable, or failing that any unused plugs, i have the
> 382 plug, i need the Plug out at PA and suggested cable length and wiring diagram
>
> Many Thanks
>
> Stuart
>
> G0TBI
>
> I will no doubt be asking more questions soon.....
>
>
>
>

1814. Re: [harris-radio] Harris RF-5000/5022

Yahoo group: harris-radio
Date: 2014-04-28 20:11:08 UTC
From: Stuart Mckinnon
Topic: 1810 Message: 1814

Brooke

Yes i gathered as much but that still don't help me, does anyone have plugs and or cable description??

as an example the cotrol out of the PA for the ATU is as you know a xxxx way, but the plug supplied to me. is a 19 way but has 3 pins removed, is this what they used in there repair workshop? I take it that only 16 were used?

A bit difficult without handbooks, I have the ATU handbook, but I am not sure which drawing no refers?

Cheers all

Stuart

-----Original Message-----
From: Brooke Clarke <brooke@pacific.net>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Mon, 28 Apr 2014 19:19
Subject: Re: [harris-radio] Harris RF-5000/5022

Hi Stuart:

You may need to fabricate the cables yourself.

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html

Stuartjmckinnon@... wrote:
>
>
> Group
>
> Looking for following cables, Tcvr to PA control, PA to Coupler cable, or failing that any unused plugs, i have the
> 382 plug, i need the Plug out at PA and suggested cable length and wiring diagram
>
> Many Thanks
>
> Stuart
>
> G0TBI
>
> I will no doubt be asking more questions soon.....

>
>
>
>

1815. R-2368/Rf-590A etc displays

Yahoo group: harris-radio
Date: 2014-04-29 06:07:04 UTC
From: <vk5abc@...>
Topic: 1815 Message: 1815

Hi all

I have two displays boards for r the Rf-590/R2368 were spares but as I have already replaced all the ones on both my receivers I don't need them anymore, the function display board is all new, and frequency display board I have replaced the display with a new one if you are interested contact me off the list and it's $150 for both plus shipping

73's Lee VK5ABC

1816. Re: [harris-radio] R-2368/Rf-590A etc displays

Yahoo group: harris-radio
Date: 2014-04-29 12:10:15 UTC
From: Francesco Ledda
Topic: 1815 Message: 1816

Lee,

I am interested. Please, email me at frledda@....

FL. KF5RXV

Sent from my iPad

> On Apr 29, 2014, at 1:07 AM, <vk5abc@...> wrote:
>
> Hi all
>
>
>
> I have two displays boards for r the Rf-590/R2368 were spares but as I have already replaced all the ones on both my receivers I don't need them anymore, the function display board is all new, and frequency display board I have replaced the display with a new one if you are interested contact me off the list and it's $150 for both plus shipping
>
>
>
> 73's Lee VK5ABC
>
>

1817. FS: RF-590 LF,MW,HF RECEIVER-EXCELLENT

Yahoo group: harris-radio
Date: 2014-04-29 17:59:32 UTC
From: <gibharris@...>
Topic: 1817 Message: 1817

You know the specs and build quality and likely have one already. $1,600 plus actual FedEx . Sorry, lower 48 USA sale only. Gilbert

1818. Control cable connector kit for Harris couplers

Yahoo group: harris-radio
Date: 2014-05-01 01:39:58 UTC
From: Paul Katz
Topic: 1818 Message: 1818

New control cable AMPHENOL CONNECTOR KIT 10-260390-27S for Harris couplers RF-281, RF-281A, CU-2397, RF-382, RF-382A
on eBay item number: 261467022916

The rubber sleeve that goes over the cable and into the compression gland of this connector kit is an Amphenol P/N MS3420-12A, available from your favorite suppliers.

73,
Paul, W5NTQ

1819. Re: R-2368/Rf-590A etc displays

Yahoo group: harris-radio
Date: 2014-05-01 14:39:00 UTC
From: <vk5abc@...>
Topic: 1815 Message: 1819

Hi All

The displays have been sold thanks

73's Lee

1820. R-590A/R2368 etc faulty shaft encoder

Yahoo group: harris-radio
Date: 2014-05-02 04:39:55 UTC
From: <vk5abc@...>
Topic: 1820 Message: 1820

Hi All

I would like to hear from anyone that needed to replace the shaft encoder on their Harris Rf-590 / R590A /R2368 receiver.

Best of 73's Lee

1821. RF-350K Replacement Knobs?

Yahoo group: harris-radio
Date: 2014-05-02 12:07:51 UTC
From: <jcaldwell@...>
Topic: 1821 Message: 1821

Hi,
Does anyone know off the top of their head who manufactured the knobs used on the RF-350K sets? I have a set I'm cleaning up that I got recently and it's missing the knobs (has wrong ones on it now). I know I've seen these in a catalog before but I can't remember to save my life who the manufacturer is. Any help is appreciated.
John WD8INC

1822. Re: RF-350K Replacement Knobs?

Yahoo group: harris-radio
Date: 2014-05-02 16:21:04 UTC
From: <jcaldwell@...>
Topic: 1821 Message: 1822

Ok, I guess I'll reply to my own post (since I found the answer). These are mil series MS91528 knobs, available from Electronic Hardware Corp. www.ehcknobs dot com and stocked by Allied Electronics (and others). They're commonly found on Harris, Sunair, Racal, just to name a few, and other gear. John WD8INC

1823. RT-1406A/PRC-117 Radio Manual

Yahoo group: harris-radio
Date: 2014-05-04 13:09:56 UTC
From: Alex J Rokowetz
Topic: 1823 Message: 1823

Group Members,

A RT-1406A/PRC117 made its way home with me at Nearfest this weekend. I think I like this radio. Does anyone have a PDF operator or technical manual they can send me? ...or a source for a printed manual?

Thanks,

Alex
K2AJR

1824. Re: RT-1406A/PRC-117 Radio Manual

Yahoo group: harris-radio
Date: 2014-05-04 13:23:14 UTC
From: <andersendl@...>
Topic: 1823 Message: 1824

I should have an operator's manual on my other computer. Let me check and get back to you tomorrow.

andersendl

1825. Re: RT-1406A/PRC-117 Radio Manual

Yahoo group: harris-radio
Date: 2014-05-05 19:30:48 UTC
From: <andersendl@...>
Topic: 1823 Message: 1825

I checked and no dice. I do not have the 117 manual you need. I have the 117F manual which is a completely different beast. Sorry.

1826. For Sale: Harris RF-230 2-30 mHz Transceiver

Yahoo group: harris-radio
Date: 2014-05-08 13:42:10 UTC
From: Radio Station KW1I
Topic: 1826 Message: 1826

For Sale:

Harris RF-230 2-30 mHz Transceiver

LSB, USB, AM, CW
125 watts
Requires 13.8 VDC 30+ A power supply
32 memory channels with thumbwheel switch frequency entry
Continuous tunable using thumbwheel switch frequency entry
when channel switch is positioned at "96".
Excellent cosmetic condition
Fully operational
Includes original Harris manual and schematics
Includes power connector, microphone connector

Photos and additional information on request.
$350 not including shipping, Can be delivered to the Dayton Hamvention

Dale
kw1i@...

1827. OT: 2014 Annual Armed Forces Cross-band Communications Test

Yahoo group: harris-radio
Date: 2014-05-08 19:33:42 UTC
From: Tom C
Topic: 1827 Message: 1827

The Armed Forces Cross-band exercise is a fun Amateur Radio event which will be help this Saturday, May 10, 2014. Amateurs can communicate with military stations by listening to them outside the ham bands and transmitting within the ham bands. Nice QSL cards are available for contacts. Details can be found at

www.marsregionone.org/Temp/2014-XBand.pdf
73,
Tom

1828. Bad control card in CU-2397/RF-382 coupler

Yahoo group: harris-radio
Date: 2014-05-11 22:27:02 UTC
From: Paul Katz
Topic: 1828 Message: 1828

A1A3 control card in my CU-2397 not working properly. Starts a tune cycle but never finds a tune solution. Replaced this control card with a spare control card and coupler works as design. Any ideas what might be bad or is there any one who fixes these control cards?

73, Paul, W5NTQ

1829. Re: Bad control card in CU-2397/RF-382 coupler

Yahoo group: harris-radio
Date: 2014-05-11 22:28:01 UTC
From: Paul Katz
Topic: 1828 Message: 1829

> A1A3 control card in my CU-2397 not working properly. Starts a tune
> cycle but never finds a tune solution. Replaced this control card
> with a spare control card and coupler works as design. Anyone any
> ideas fix these control cards?
>
> 73, Paul, W5NTQ

1830. Re: Bad control card in CU-2397/RF-382 coupler

Yahoo group: harris-radio
Date: 2014-05-12 14:20:24 UTC
From: steve@...
Topic: 1828 Message: 1830

Harris still supports the coupler so that is an option. I am not sure what the minimum charge for evaluation/repair is.
Having said that, I would check the tantalum capacitors, expecially the small yellow ones. There are some diagnostic LEDs in the coupler that might also be of help.

Steve
KD2OM

1832. Re: [harris-radio] PRC-113/117/138/150 metal battery box

Yahoo group: harris-radio
Date: 2014-05-14 16:14:32 UTC
From: <addle98712@...>
Topic: 1831 Message: 1832

Have you tried Murphy's? He has them brand new.

http://www.murphyjunk.net/wp-content/uploads/2013/05/113BX2.jpg

-----Original Message-----
From: "papakb@... [harris-radio]"
Sent: May 14, 2014 9:03 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] PRC-113/117/138/150 metal battery box

Can anyone on the list help me find a metal battery box for these radios? There are loads of the plastic ones out there but the metal ones seem to be rather scarce. A slight amount of wear or repairable damage is OK.

Thanks,

Kurt Lesser
KG6KMJ

1834. Harris RF Communications RF-301 microphone

Yahoo group: harris-radio
Date: 2014-05-19 01:51:07 UTC
From: Meir WF2U
Topic: 1834 Message: 1834

Folks,

I'm looking for a microphone for my Harris/RF Communications RF-301 transceiver (a.k.a AN/URC-68 and AN/GRC-165). I'm in the final stages of restoring an RF-301 which I bought as a parts unit. It works now on CW and with a signal generator input to the audio on all the voice modes, but so far I haven't found the microphone for it, or at least the oddball handset plug (made by Deutsch) so I can wire up a suitable microphone. I'm still having some issues with the transceiver, but it's at least usable on the air. The problem may be with the ALC voltage controlled amplifier on the IF board, it may be limiting the power output even without overdriving the PA, which puts out full power on AM (I'm not modulating with 100W carrier, for actual use on AM the carrier is set for 25 W, but the ALC is not in the circuit in that mode). I haven't checked the IF board on the component level yet. More work is needed, but I'd like to try the voice modes on the air.

Any leads are appreciated.

Thanks,

73, Meir WF2U

Landrum, SC

1835. Re: [harris-radio] RF-301 Microphone

Yahoo group: harris-radio
Date: 2014-05-19 12:02:00 UTC
From: N4BE_Jim
Topic: 1835 Message: 1835

A Google search shows that the mic is a Shure 577B with the Harris logo and special connector. http://www.worthpoint.com/worthopedia/harris-microphone-rf-301-urc-58-416735011 http://www.ebay.com/itm/Shure-577B-handheld-dynamic-microphone-/271397527038?_trksid=p2054897.l4275

Sent from my iPad

> On May 19, 2014, at 5:42 AM, harris-radio@yahoogroups.com wrote:
>
> harris-radio Group
> 1 Message Digest #828
> 1 Harris RF Communications RF-301 microphone by "Meir WF2U" wf2u
> Message
> 1 Harris RF Communications RF-301 microphone
> Sun May 18, 2014 6:51 pm (PDT) . Posted by: "Meir WF2U" wf2u
> Folks,
>
> I'm looking for a microphone for my Harris/RF Communications RF-301
> transceiver (a.k.a AN/URC-68 and AN/GRC-165). I'm in the final stages of
> restoring an RF-301 which I bought as a parts unit. It works now on CW and
> with a signal generator input to the audio on all the voice modes, but so
> far I haven't found the microphone for it, or at least the oddball handset
> plug (made by Deutsch) so I can wire up a suitable microphone. I'm still
> having some issues with the transceiver, but it's at least usable on the
> air. The problem may be with the ALC voltage controlled amplifier on the IF
> board, it may be limiting the power output even without overdriving the PA,
> which puts out full power on AM (I'm not modulating with 100W carrier, for
> actual use on AM the carrier is set for 25 W, but the ALC is not in the
> circuit in that mode). I haven't checked the IF board on the component level
> yet. More work is needed, but I'd like to try the voice modes on the air.
>
> Any leads are appreciated.
>
> Thanks,
>
> 73, Meir WF2U
>
> Landrum, SC
>
> Reply to sender . Reply to group . Reply via Web Post . All Messages (1) . Top ^
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC

from outside your home or business?
>
> www.2mypc.net
> VISIT YOUR GROUP
> • Privacy • Unsubscribe • Terms of Use

1836. Re: Harris RF Communications RF-301 microphone

Yahoo group: harris-radio
Date: 2014-05-19 12:05:38 UTC
From: N4BE_Jim
Topic: 1834 Message: 1836

A Google search shows that the mic is a Shure 577B with the Harris logo and special connector.

http://www.worthpoint.com/worthopedia/harris-microphone-rf-301-urc-58-416735011

http://www.ebay.com/itm/Shure-577B-handheld-dynamic-microphone-/271397527038?_trksid=p2054897.l4275

Sent from my iPad

1837. Re: Harris RF Communications RF-301 microphone

Yahoo group: harris-radio
Date: 2014-05-22 00:30:51 UTC
From: afa1ir@...
Topic: 1834 Message: 1837

I am not familiar with that radio. But, looking at a picture, it looks like it is of the vintage when dynamic mics were used for just about everything. So, I'd recommend you try one of those.

73,
Tom

1838. RE: [harris-radio] Re: Harris RF Communications RF-301 microphone

Yahoo group: harris-radio
Date: 2014-05-22 01:28:48 UTC
From: Meir WF2U
Topic: 1834 Message: 1838

Tom,

Yes, the microphone is dynamic, the impedance is 200 ohms. That's not the problem. I have a suitable (specs-wise) hand mike, Harris labeled, made by Shure, but it has the plug for the RF-230, which is a completely different plug from the one the RF-301 uses. I've been unsuccessful finding the correct plug (it's made by Deutsch - I have the stock number and even the NSN number). Ideally, I'd like to swap the RF-230 mike for a RF-301 mike. If I had the plug, I could just swap plugs on the mike, or just use another Shure-made desk mike I have, with the same specs.

73, Meir WF2U

Landrum, SC

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, May 21, 2014 8:31 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Harris RF Communications RF-301 microphone

I am not familiar with that radio. But, looking at a picture, it looks like it is of the vintage when dynamic mics were used for just about everything. So, I'd recommend you try one of those.

73,
Tom

1839. RE: [harris-radio] Re: Harris RF Communications RF-301 microphone

Yahoo group: harris-radio
Date: 2014-05-22 03:08:11 UTC
From: Scott Johnson
Topic: 1834 Message: 1839

Meir-

I have a local rep that has been very good at sourcing Deutsch connectors for me, if you can give me the number, I will give him a try (I need one for my RF-301 as well)

Regards,

Scott W7SVJ

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, May 21, 2014 6:29 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Re: Harris RF Communications RF-301 microphone

Tom,

Yes, the microphone is dynamic, the impedance is 200 ohms. That's not the problem. I have a suitable (specs-wise) hand mike, Harris labeled, made by Shure, but it has the plug for the RF-230, which is a completely different plug from the one the RF-301 uses. I've been unsuccessful finding the correct plug (it's made by Deutsch - I have the stock number and even the NSN number). Ideally, I'd like to swap the RF-230 mike for a RF-301 mike. If I had the plug, I could just swap plugs on the mike, or just use another Shure-made desk mike I have, with the same specs.

73, Meir WF2U

Landrum, SC

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, May 21, 2014 8:31 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Harris RF Communications RF-301 microphone

I am not familiar with that radio. But, looking at a picture, it looks like it is of the vintage when dynamic mics were used for just about everything. So, I'd recommend you try one of those.

73,
Tom

1840. Harris RF-3200E ?

Yahoo group: harris-radio
Date: 2014-05-22 08:43:36 UTC
From: Stuartjmckinnon@...
Topic: 1840 Message: 1840

Group

I wonder if any one has a cleaner file than KO4BB's offering on the web,

I have just obtained one of these radios from an MOD testing/repair facility and could do with a book of words, both operaters and poss service manual, one thing is clear, I only have a short cable on the radio with some kind of DC power plug that has blades in?? Seems the other mating plug/socket and cable are missing and I understand that I may need

“Power Cable Kit PN 10212-0200"

If anyone can help, I would be grateful

many thanks

Stuart
G0TBI

BTW
Still also looking for wiring diagram, specs for RF5000 Amp to RF382 coupler, I have the plugs for both ends, but need diagram, spec of cable and haowmany used etc, also suggested working length, please help, I have technical limitations Hi Hi.....

1841. RE: [harris-radio] Harris RF-3200E ?

Yahoo group: harris-radio
Date: 2014-05-23 16:47:06 UTC
From: Roger w
Topic: 1840 Message: 1841

Hi Stuart;

I may be able to help with ant 3200 stuff.

The 10212-0200 you mentioned is NOT a Power cable kit….IT IS The microphone used for the 3200’s 3200E’s

The cable plug coming out of the 3200s is a 3 prong AMPs plug , usually only 2 contacts are used + and -. Third is used in a 3200M(pa has 48 vdc)

The conn on the radio is a AMP 206207-1, power cable conn to mate is 206037-2

The contacts are male and female 66740,66261,66741 best to check in an AMPs catalog, these vary by the wire gauge.

The 3200E manuals are 10212-0300-20 service, 10212-0050-20 used operators manual.

I can put these on CD in JPG and PDF

Contact me directly.

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, May 22, 2014 4:44 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris RF-3200E ?

Group

I wonder if any one has a cleaner file than KO4BB's offering on the web,

I have just obtained one of these radios from an MOD testing/repair facility and could do with a book of words, both operaters and poss service manual, one thing is clear, I only have a short cable on the radio with some kind of DC power plug that has blades in?? Seems the other mating plug/socket and cable are missing and I understand that I may need

“Power Cable Kit PN 10212-0200"

If anyone can help, I would be grateful

many thanks

Stuart

G0TBI

BTW

Still also looking for wiring diagram, specs for RF5000 Amp to RF382 coupler, I have the plugs for both ends, but need diagram, spec of cable and haowmany used etc, also suggested working length, please help, I have technical limitations Hi Hi.....

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http://www.avast.com

1842. 3200

Yahoo group: harris-radio
Date: 2014-05-23 18:10:46 UTC
From: Alan Morriss
Topic: 1842 Message: 1842

hello roger , does the RF3200E have anything in common with the RF3200 which i have. perhaps it has the same electrics in a hardened case or sommething. alan G4GEN

1843. RE: [harris-radio] 3200

Yahoo group: harris-radio
Date: 2014-05-23 19:55:19 UTC
From: Roger w
Topic: 1842 Message: 1843

Hi Alan:

The 3200 E and the 3200 , both have the same specs and many of the bds are the same .

The E has a LCD display and the 3200 has the 7 segment bluish display.

The E has a different front panel A1 bd , a somewhat different A2(less display PS) , a different A7 logic bd . Rest of bds are interchangeable. I might add ,depends on the rev level of the bds .

As for the OPTION bds , ones for the E are designed for the E only . Like the ALE bd , and the AVS bd and the RMT bd.

Software is not interchangeable between the units.

If you have any questions ,contact me . E mail best.

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, May 23, 2014 2:11 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] 3200

hello roger , does the RF3200E have anything in common with the RF3200 which i have. perhaps it has the same electrics in a hardened case or sommething.
alan G4GEN

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http://www.avast.com

1844. reply

Yahoo group: harris-radio
Date: 2014-05-23 20:51:40 UTC
From: Alan Morriss
Topic: 1844 Message: 1844

hello roger , that was kind of what i thought. i love my 3200 , but it is out of commission right now . a friend who has a lot mote expertise than i is working on it. yjr tx started to take off and produce 120 watts on am . it then stopped producing much power at all. i have the operating and maintenance manuals. l find the rx to be really good although a bit wide. it also sounds better with an external speaker .cheers, alan

1845. RE: [harris-radio] reply

Yahoo group: harris-radio
Date: 2014-05-24 13:10:14 UTC
From: Roger w
Topic: 1844 Message: 1845

Hi Alan:

Keep me informed I may be able to add my 2cents to any questions that may arise. I have seen many different malfunctions.

One of the most common is the SRAM getting contaminated. If there is no logic to the malfunction , I would suspect the SRAM A7U6. The do have a life of 10 years of radio being off (internal battery) but the earlier units were subject to SRAM contamination when the power DC was turned off and immediately turned back on .

Read the date code on the SRAM left to right , 1st 2 digits are the year made and in the case of HARRIS 3200 s it would be the year it was installed and turned on for the first time. IE 9806s==== 98=1998.

If you give me the s/n on the label , I can tell what year it was made also.

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, May 23, 2014 4:52 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] reply

hello roger , that was kind of what i thought. i love my 3200 , but it is out of commission right now . a friend who has a lot mote expertise than i is working on it. yjr tx started to take off and produce 120 watts on am . it then stopped producing much power at all. i have the operating and maintenance manuals. l find the rx to be really good although a bit wide. it also sounds better with an external speaker .cheers, alan

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1846. Re: reply

Yahoo group: harris-radio
Date: 2014-05-24 19:01:26 UTC
From: Wa0vzv
Topic: 1844 Message: 1846

Hi,

Still looking for a RF-3200ET to use in Belize. If anyone can point me in that direction I would appreciate it greatly, thanks.
wa0vzv@...

1847. Harris AM-7532/VRC-101 power amp

Yahoo group: harris-radio
Date: 2014-05-30 00:38:21 UTC
From: andersendl@...
Topic: 1847 Message: 1847

I picked up a couple AM-7532 / VRC-101 power amps which I believe are compatible with the PRC-138. Externally, they look kind of sad and I don't have any cabling. Nonetheless, I got them cheap and I'm hoping for the best with them. I'd like to first, see if they work. For starters, I need the pin outs for the power and interconnection cables.

Does anyone have any manuals or literature for them? Also, is it compatible with any other radios?

Thanks

andersendl

1848. Re: [harris-radio] Harris AM-7532/VRC-101 power amp

Yahoo group: harris-radio
Date: 2014-05-30 07:56:48 UTC
From: Stuart Mckinnon
Topic: 1847 Message: 1848

Anders

Show us a pic of them?

It's always of interest, I am still awaiting to wire up my PA to 382 Coupler, when I can get info, cable type? cable length or is that personal choice? and wiring diagram for the two plugs?

Cheers all

Stuart
G0TBI

-----Original Message-----
From: andersendl@yahoo.com [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Fri, 30 May 2014 1:38
Subject: [harris-radio] Harris AM-7532/VRC-101 power amp

I picked up a couple AM-7532 / VRC-101 power amps which I believe are compatible with the PRC-138. Externally, they look kind of sad and I don't have any cabling. Nonetheless, I got them cheap and I'm hoping for the best with them. I'd like to first, see if they work. For starters, I need the pin outs for the power and interconnection cables.

Does anyone have any manuals or literature for them? Also, is it compatible with any other radios?

Thanks

andersendl

1849. Re: [harris-radio] Harris AM-7532/VRC-101 power amp

Yahoo group: harris-radio
Date: 2014-05-30 18:33:18 UTC
From: andersendl@...
Topic: 1847 Message: 1849

I posted a few photos to the group album. The photos don't show it well, but there was a ton of surface corrosion, almost like is spent some time submerged. I'm pretty sure this is a 125w or 150w amp. The case is similar to a couple other military VRC power amps amps like the VRC-83. On the adapter where the radio attaches to the amp, it looks like it is missing the power plugs (the two circular holes) that would connect to the battery connectors on the back of the radio. I took the faceplate off and it looks like that is just the way it is. There are no cut wires or anything that looks like it has been modified. I assume then, that the PRC radio would get its power through the "remote" connector on the front of the radio.

Data Plate reads:
AM-7532/VRC-101
Power Amplifier
10497-5000-01
SN:
MFR 14304
Harris/RF Communications U.S.A.

Any info anyone has on this is greatly appreciated.

andersendl

1850. Re: [harris-radio] Harris AM-7532/VRC-101 power amp

Yahoo group: harris-radio
Date: 2014-06-03 15:29:21 UTC
From: steve@...
Topic: 1847 Message: 1850

You are correct the R/T gets its power from the PA. The cable a shorter version of the normal PA to RT cable the RF-5022/5032 uses. Not all PRC-138's will work with this PA. I believe they will all run, just not have proper PA control. I am pretty sure that the correct R/T is a PRC-138 V2. These are have different front panels, and are painted in CARC.

Steve KD2OM/NNN0HSB

1851. RE: [harris-radio] Harris AM-7532/VRC-101 power amp

Yahoo group: harris-radio
Date: 2014-06-03 19:51:04 UTC
From: Roger w
Topic: 1847 Message: 1851

Steve :

You are correct on the cable and the V2 RT. I believe also the V1 will work also depends on the Firmware in the V1

Those units look like they seen a lot of usage/weather etc. Hope the insides are not water damaged.

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, June 03, 2014 11:29 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Harris AM-7532/VRC-101 power amp

You are correct the R/T gets its power from the PA. The cable a shorter version of the normal PA to RT cable the RF-5022/5032 uses. Not all PRC-138's will work with this PA. I believe they will all run, just not have proper PA control. I am pretty sure that the correct R/T is a PRC-138 V2. These are have different front panels, and are painted in CARC.

Steve KD2OM/NNN0HSB

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1852. RE: [harris-radio] Harris AM-7532/VRC-101 power amp

Yahoo group: harris-radio
Date: 2014-06-04 05:58:58 UTC
From: steve@...
Topic: 1847 Message: 1852

Yes, it looks like they were left in the rain in an open vehicle for quite awhile. They look to be quite old as well.

Steve

1853. RE: [harris-radio] Re: RF-350 LPF BIT error

Yahoo group: harris-radio
Date: 2014-06-05 13:38:12 UTC
From: Francesco Ledda
Topic: 1746 Message: 1853

Hi Ron,

I am looking for few of those RF350K infamous relays. Do you still have few available for sale?

BR,

Frank

KF5RXV

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com] On Behalf Of Ron Boltz
Sent: Friday, January 31, 2014 8:55 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-350 LPF BIT error

If you can't fix the relay, I have quite a few.

Ron Boltz

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http://www.avast.com

1854. A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-06-07 15:02:18 UTC
From: Joseph
Topic: 1782 Message: 1854

Most of you probably know that I purchased Tom Norris' PRC-138 and that it is missing the A7 Power Module.

I am prepared to offer $ 400 for one of the A7 Modules.

I also have the following that we could use as part of a cash/trade deal if that were to be preferable.

PRC-117A
Have one or two of each board as well as the rare TF-117 Maintenance Test Kit

PRC-119(*)
A3272704-1 (5998-01-455-9641) processor board
A3266120-1 (5895-01-455-9642) panel keyboard
A3272536-1 (5998-01-455-9640) interface board

LST-5
1A5 Receive Module
Display
Screen

Datron TW7000
ALE Controller

- - - -
Joseph Pinner +
KC5IJD / NNN0PHR

1855. R-2368 A12 error

Yahoo group: harris-radio
Date: 2014-06-13 04:50:46 UTC
From: vk5abc@...
Topic: 1855 Message: 1855

Hello All

Anyone ever encounter a A12 reference 03 error I had a look at the A12 pwb could not see any bad tantalums.
as for the receiver it seems to work on the am broadcast band everywhere else it seems dead. any suggestions. I am about to check some voltages.

73's Lee

1856. Re: R-2368 A12 error

Yahoo group: harris-radio
Date: 2014-06-13 10:57:29 UTC
From: seastar@...
Topic: 1855 Message: 1856

First thing to look at with an A12-03 fault is the Frequency Standard.
Possibly one of the most common A12 faults around

This fault comes from a missing 1 MHz reference signal generated from the Freq std input to the A12.

Also make sure that the Freq Std select switch is in the INT position (or feed a Std signal in on the Ext Std input)

Mark
N2FYS

1857. R-2368 / RF-590A A19 fault

Yahoo group: harris-radio
Date: 2014-06-14 05:57:20 UTC
From: vk5abc@...
Topic: 1857 Message: 1857

Hello All

Anyone ever have faulty A19 preselector module, what was wrong. what is the most common fault.
Does the inband protection circuit ever fail?

73's Lee.

1858. RF-230S Parts Needed

Yahoo group: harris-radio
Date: 2014-06-19 16:59:52 UTC
From: jcaldwell@...
Topic: 1858 Message: 1858

Greetings All,
I'm looking for a board for the RF-230S, specifically, the board that plugs into the A8 slot in the chassis and interfaces the front mounted decade thumbswitchs to the set. The ribbon cable from the switch assembly plugs into ths board. Anyone have a parts unit w/ the board available?

Regards,
John WD8INC

1859. A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-06-24 21:04:52 UTC
From: Joseph
Topic: 1782 Message: 1859

Most of you probably know that I purchased Tom Norris' PRC-138 and that it is missing the A7 Power Module.

I am prepared to offer $ 400 for one of the A7 Modules.

I also have the following that we could use as part of a cash/trade deal if that were to be preferable.

PRC-117A
Have one or two of each board as well as the rare TF-117 Maintenance Test Kit

PRC-119(*)
A3272704-1 (5998-01-455-9641) processor board
A3266120-1 (5895-01-455-9642) panel keyboard
A3272536-1 (5998-01-455-9640) interface board

LST-5
1A5 Receive Module
Display
Screen

Datron TW7000
ALE Controller

- - - -
Joseph Pinner +
KC5IJD / NNN0PHR

1860. Re: [harris-radio] A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-06-24 21:16:15 UTC
From: John Watkins
Topic: 1782 Message: 1860

Hi Joseph,

I am going through my stuff and have some GRC-106 modules, an RT834 (also a LSB kit), some NIB 4CX-350A tubes, also a Codan 9360 HF USB/LSB transceiver, slide in mount and microphone. As you know, I am looking for the boards from a PRC-117A.

John WD5ENU

From: "Joseph jpinner33@... [harris-radio]" <harris-radio@yahoogroups.com>
To: harris-radio@yahoogroups.com; Milsurplus@...; milpack@yahoogroups.com; armyradios@yahoogroups.com
Sent: Tuesday, June 24, 2014 4:04 PM
Subject: [harris-radio] A7 Power Module for PRC-138

Most of you probably know that I purchased Tom Norris' PRC-138 and that it is missing the A7 Power Module.

I am prepared to offer $ 400 for one of the A7 Modules.

I also have the following that we could use as part of a cash/trade deal if that were to be preferable.

PRC-117A
  Have one or two of each board as well as the rare TF-117 Maintenance Test Kit

PRC-119(*)
  A3272704-1 (5998-01-455-9641) processor board
  A3266120-1 (5895-01-455-9642) panel keyboard
  A3272536-1 (5998-01-455-9640) interface board

LST-5
  1A5 Receive Module
  Display
  Screen

Datron TW7000
  ALE Controller

- - - -
Joseph Pinner +
KC5IJD / NNN0PHR

Posted by: Joseph <jpinner33@...>

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https://info.yahoo.com/legal/us/yahoo/utos/terms/

1861. Re: FS: RF-590 RECEIVER-EXCELLENT

Yahoo group: harris-radio
Date: 2014-06-26 08:33:05 UTC
From: driftermick@...
Topic: 1809 Message: 1861

Has this been sold? I'm looking for the 590. Grandson just has to have a 590. So, Granpap to the rescue. Thanks.

Mike...

1862. FS: RF-3200 front panel

Yahoo group: harris-radio
Date: 2014-06-27 16:07:25 UTC
From: prcradio@...
Topic: 1862 Message: 1862

I have an RF-3200 front panel (green/blue display, non E model) missing the frequency rotary encoder but everything else seems to be there. This should have a good working display module. $40 plus shipping.
Mike

1863. FS: Harris 50w amp for PRC-117/RF-3090 VRC-94 vehicular mount

Yahoo group: harris-radio
Date: 2014-06-27 16:13:56 UTC
From: prcradio@...
Topic: 1863 Message: 1863

I bought a spare AM-7256 50w amp module for my VRC-94 and have come to the conclusion these will never break, so I am offering the amplifier module for $50 plus shipping.
Mike

1864. FS: Harris 50w amp for PRC-117/RF-3090 VRC-94 vehicular mount

Yahoo group: harris-radio
Date: 2014-06-27 16:17:55 UTC
From: prcradio@...
Topic: 1863 Message: 1864

I bought a spare AM-7256 50w amp module for my VRC-94 and have come to the conclusion these will never break, so I am offering the amplifier module for $50 plus shipping.
Mike

1865. Re: [harris-radio] FS: Harris 50w amp for PRC-117/RF-3090 VRC-94 vehicular mount

Yahoo group: harris-radio
Date: 2014-06-27 17:57:47 UTC
From: Alex J Rokowetz
Topic: 1863 Message: 1865

Mike,

I will gladly take this item off your hands. I will contact you offlist.

73,

Alex
K2AJR

On Fri, Jun 27, 2014 12:17 PM EDT prcradio@... [harris-radio] wrote:

>
>
> I bought a spare AM-7256 50w amp module for my VRC-94 and have come to the conclusion these will never break, so I am offering the amplifier module for $50 plus shipping.
> Mike
>
>

1867. Capacitor, ceramic. 0.01uF 1500VDC.

Yahoo group: harris-radio
Date: 2014-07-05 01:56:44 UTC
From: mortenfalck@...
Topic: 1867 Message: 1867

Does anyone know where these can be purchased? About 100 pieces. I would be grateful for info.

1868. Harris Corp - 6049-6105 - Capacitor, ceramic. 0.01uF 1500VDC.

Yahoo group: harris-radio
Date: 2014-07-05 02:08:34 UTC
From: mortenfalck@...
Topic: 1868 Message: 1868

Does anyone know where these can be purchased? About 100 pieces. I would be grateful for info.http://www.electronicsurplus.com/harris-corp-6049-6105-capacitor-ceramic-0-01uf-1500vdc#product_tabs_askit_tabbed http://www.electronicsurplus.com/harris-corp-6049-6105-capacitor-ceramic-0-01uf-1500vdc#product_tabs_askit_tabbed

1869. R-2368 help

Yahoo group: harris-radio
Date: 2014-07-05 07:39:44 UTC
From: vk5abc@...
Topic: 1147 Message: 1869

Hello All

Anyone with a spare Shaft encoder for the R-2368/RF-590 receiver they can sell.
Does anyone know the manufacturer's name and part number or a equivalent part
manufacturer's name and part number. Thanking in advance for any help.

73's Lee

1870. Re: R-2368 help

Yahoo group: harris-radio
Date: 2014-07-05 17:34:05 UTC
From: gibharris@...
Topic: 1147 Message: 1870

The rotary encoder is Clarostat S85-0001-001. Long out of production and not repairable. Is yours totally nonfunctioning or just in a quadrant of rotation? If just dead spots, it is the encoder. If total, then be sure it isn't an IC elsewhere. Scope will tell.I have had a dozen RF-590 and R-2368 so have learned a few things. It likely is a 100 steps/revolution, quadature optical encoder with 4 line cable attached. One each is for 5vdc, ground, channel A, and channel B outputs. The outputs are square waves which are 90 degrees out of phase. CW rotation has channel A leading B by 90 deg. CCW rotation has B in the lead. Easily determined with two channel scope. I have 6 fully working receivers left and one spare front panel with encoder but prefer to keep the unobtaineum parts as spares. I would look for a similar sized(don't forget shaft length) encoder close to above specs. 128 steps/rev should work. EBay has a few Clarostat 600-128-CBL which might fit. Cheap enough to try. If you can't come up with something that works, I could remove mine from spare A13 but prefer not to. Good luck. Gilbert W4JDA

1871. Re: [harris-radio] Re: R-2368 help

Yahoo group: harris-radio
Date: 2014-07-05 18:02:01 UTC
From: Peter Gottlieb
Topic: 1147 Message: 1871

Like Gilbert says others will work; these are standard quadrature shaft encoders. As a matter of fact, I replaced mine with one with 256 steps/rev because I liked the finer control and faster slewing when using small increments like 1 or 10 Hz/step. Lost or gave away the original years ago though. Make sure to also get one with a little drag on the shaft or the freq won't stay put, so don't go for one of those industrial ball bearing ones meant for very low friction, you want a plain panel mount sleeve bearing one. And put in molasses-like oil in it. But in a pinch just about any of them will work.

Peter

On 7/5/2014 1:34 PM, gibharris@... [harris-radio] wrote:
>
> The rotary encoder is Clarostat S85-0001-001. Long out of production and not
> repairable. Is yours totally nonfunctioning or just in a quadrant of rotation?
> If just dead spots, it is the encoder. If total, then be sure it isn't an IC
> elsewhere. Scope will tell.I have had a dozen RF-590 and R-2368 so have
> learned a few things. It likely is a 100 steps/revolution, quadature optical
> encoder with 4 line cable attached. One each is for 5vdc, ground, channel A,
> and channel B outputs. The outputs are square waves which are 90 degrees out
> of phase. CW rotation has channel A leading B by 90 deg. CCW rotation has B in
> the lead. Easily determined with two channel scope. I have 6 fully working
> receivers left and one spare front panel with encoder but prefer to keep the
> unobtaineum parts as spares. I would look for a similar sized(don't forget
> shaft length) encoder close to above specs. 128 steps/rev should work. EBay
> has a few Clarostat 600-128-CBL which might fit. Cheap enough to try. If you
> can't come up with something that works, I could remove mine from spare A13
> but prefer not to. Good luck. Gilbert W4JDA
>
>

1872. Re: R-2368 help

Yahoo group: harris-radio
Date: 2014-07-06 03:51:57 UTC
From: L Ritta
Topic: 1147 Message: 1872

Mine has dead spots, as you tune the numbers count and then stop and continue later but not with the previous sequence there would be a gap in the count.

Funny thing my receiver also just went dead accept the broadcast band which receives ok sounds like synthesizer problems btw it does pass the bite test.

I wonder if I have any bad tantalums I have already replaced 12 of the varmints, I just started College vacation, I have time to fix it.

Lee

1873. Re: R-2368 help

Yahoo group: harris-radio
Date: 2014-07-06 04:02:50 UTC
From: vk5abc@...
Topic: 1147 Message: 1873

Something just occured to me since Harris still make the R-2368B/URR what did they replace it with.

Lee

1874. Schematic for a 10535-0720 cable

Yahoo group: harris-radio
Date: 2014-07-06 21:58:20 UTC
From: papakb@...
Topic: 1874 Message: 1874

Can anyone on the list help me locate the schematic for this cable? It runs between the J6 connector on the RT-1694 and the J2 connector on the power amplifier. I've given up on ever locating an original cable.

Thank you,

Kurt Lesser
KG6KMJ

1875. RE: [harris-radio] Schematic for a 10535-0720 cable

Yahoo group: harris-radio
Date: 2014-07-07 15:42:11 UTC
From: Roger w
Topic: 1874 Message: 1875

Hi KG6KMJ

I am assuming y6ou are talking about a RT1694 PRC138 J6 PA conn to the 150 watt RF5033 PA J2.

If you are, the cable is 10181-9822 same as for the 5000 series Rt to Pa’s 125/400.

For the 138 J6 to the 150 pa J2 it was called 10497-5025

The 10535 are the new number series for the 5800 series radios , just a number change.

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, July 06, 2014 5:58 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Schematic for a 10535-0720 cable

Can anyone on the list help me locate the schematic for this cable? It runs between the J6 connector on the RT-1694 and the J2 connector on the power amplifier. I've given up on ever locating an original cable.

Thank you,

Kurt Lesser

KG6KMJ

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[Non-text portions of this message have been removed]

1876. RE: [harris-radio] Schematic for a 10535-0720 cable

Yahoo group: harris-radio
Date: 2014-07-07 16:26:06 UTC
From: papakb@...
Topic: 1874 Message: 1876

Thanks Roger, The information I'm looking for is for the J6, 27 pin connector on the RT. The manual that I have for the radio shows RT-1694 in the pictures and the 10535-0720 cable running over to the power amp, so now I'm really confused.

1877. RE: [harris-radio] Schematic for a 10535-0720 cable

Yahoo group: harris-radio
Date: 2014-07-07 18:20:11 UTC
From: Roger w
Topic: 1874 Message: 1877

What is the model number on the name plate?? Of the RT?

Roger

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, July 07, 2014 12:26 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Schematic for a 10535-0720 cable

Thanks Roger, The information I'm looking for is for the J6, 27 pin connector on the RT. The manual that I have for the radio shows RT-1694 in the pictures and the 10535-0720 cable running over to the power amp, so now I'm really confused.

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1878. RE: [harris-radio] Schematic for a 10535-0720 cable

Yahoo group: harris-radio
Date: 2014-07-07 18:31:30 UTC
From: Roger w
Topic: 1874 Message: 1878

Send me a photo of the front panel of your RT 1694

Send to my E mail below.

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, July 07, 2014 2:20 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Schematic for a 10535-0720 cable

What is the model number on the name plate?? Of the RT?

Roger

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, July 07, 2014 12:26 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Schematic for a 10535-0720 cable

Thanks Roger, The information I'm looking for is for the J6, 27 pin connector on the RT. The manual that I have for the radio shows RT-1694 in the pictures and the 10535-0720 cable running over to the power amp, so now I'm really confused.

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1879. RE: [harris-radio] Schematic for a 10535-0720 cable

Yahoo group: harris-radio
Date: 2014-07-07 18:39:48 UTC
From: Roger w
Topic: 1874 Message: 1879

Hi

The PRC 138 Rt 1694 J6 has only 10 pins, So it looks like to have a newer PRC portable like the 5800 series , hopefully the 150 watt Pa is the RF-5833 series also.

Advise

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, July 07, 2014 12:26 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Schematic for a 10535-0720 cable

Thanks Roger, The information I'm looking for is for the J6, 27 pin connector on the RT. The manual that I have for the radio shows RT-1694 in the pictures and the 10535-0720 cable running over to the power amp, so now I'm really confused.

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1880. RE: [harris-radio] Schematic for a 10535-0720 cable

Yahoo group: harris-radio
Date: 2014-07-07 19:11:40 UTC
From: papakb@...
Topic: 1874 Message: 1880

Roger,

I won't be able to get you a picture until this coming weekend.

1881. Re: [harris-radio] Schematic for a 10535-0720 cable

Yahoo group: harris-radio
Date: 2014-07-07 21:10:50 UTC
From: Brooke Clarke
Topic: 1874 Message: 1881

Hi Kurt:

Maybe the 10-pin connector I sell for the PRC-25/PRC-77 front panel POWER jack is the correct one?
http://www.prc68.com/P/Prod.html#PCK
http://www.prc68.com/I/PwrConn.shtml

Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

papakb@... [harris-radio] wrote:
>
>
> Roger,
>
>
> I won't be able to get you a picture until this coming weekend.
>
>
>
>

1882. Re: [harris-radio] Schematic for a 10535-0720 cable

Yahoo group: harris-radio
Date: 2014-07-08 22:14:41 UTC
From: papakb@...
Topic: 1874 Message: 1882

Hi Brooke,

The connector on the front of the 25/77 is a 13 pin connector. The one on the front of the radio I need is a 27 pin connector and needs to have a blue dot on the shell to identify the lock pin orientation.

Thanks for the offer though.

Kurt

1883. RE: [harris-radio] Schematic for a 10535-0720 cable

Yahoo group: harris-radio
Date: 2014-07-09 19:50:03 UTC
From: Roger w
Topic: 1874 Message: 1883

Hi Hurt;

You nailed it with the 27 pin conn with a blue dot . You definitely have the 5800 radio and that connector is different. Maybe special for Harris for the 5800.

If any one on the harris –yahoo website has a cable the connector might have the number on it .

My only suggestion is to contact PRODUCT SERVICE at Harris RF Communications Div in Rochester NY.

They may or may not give that info out. Your resume of just who you are might help. When I retired in 06 they were getting tight in what info they would pass out, especially to non military.

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, July 08, 2014 6:15 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Schematic for a 10535-0720 cable

Hi Brooke,

The connector on the front of the 25/77 is a 13 pin connector. The one on the front of the radio I need is a 27 pin connector and needs to have a blue dot on the shell to identify the lock pin orientation.

Thanks for the offer though.

Kurt

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1884. FS. Amphenol / bendix connector + chassis MS3102A20-19P

Yahoo group: harris-radio
Date: 2014-07-10 00:30:16 UTC
From: gerritspeelman@...
Topic: 1884 Message: 1884

```
FS. Amphenol / bendix connector + chassis
Amphenol / Bendix Harris power connector + chassis type:
Amphenol Military Power Voltage Connector MS3102A20-19P

Used in RF-110 power supply.
```

1885. Re: R-2368 help

Yahoo group: harris-radio
Date: 2014-07-10 13:10:28 UTC
From: steve@...
Topic: 1147 Message: 1885

Harris RF no longer builds or supports any strategic equipment, including the R-2368. There is no replacement. Many customers use tactical in place of the strategic equipment.

Steve KD2OM/NNN0HSB

1886. KO6NO serial adapter for RF-350K with PC-ALE

Yahoo group: harris-radio
Date: 2014-07-11 17:15:32 UTC
From: marjulcusian@...
Topic: 1886 Message: 1886

Hi all:

I have the above set up and I am unable to get the PC-ALE hardware to talk to my RF-350K. I have used other S/W (RT1446v071.exe) to communicate with the Radio with no problem. I have set up the PC-ALE RRC to use the serial parameters I have with the RT1446 program, namely 9600,N,8,1 at COM1 with the RF-350K selected as the radio. Any Ideas?

Thanks ahead of time,

Marcus
KI6SYM

1887. Re: [harris-radio] KO6NO serial adapter for RF-350K with PC-ALE

Yahoo group: harris-radio
Date: 2014-07-11 17:42:26 UTC
From: N2CKH
Topic: 1886 Message: 1887

Hi Marcus,

Per the PC-ALE Radio Control guide you want to select RF350ALK and
the default serial port settings are 9600 7O1 so if you want to use
8N1 you will have to click on the Radio Port button to enter what you want.
Don't bother using more than 9600 as it over loads the old 8086 CPU
and you still won't be able to scan faster than 2 ch/sec.

/s/ Steve, N2CKH

At 01:15 PM 7/11/2014, you wrote:
>
>
>
>Hi all:
>
>I have the above set up and I am unable to get the PC-ALE hardware
>to talk to my RF-350K. I have used other S/W (RT1446v071.exe) to
>communicate with the Radio with no problem. I have set up the PC-ALE
>RRC to use the serial parameters I have with the RT1446 program,
>namely 9600,N,8,1 at COM1 with the RF-350K selected as the radio. Any Ideas?
>
>Thanks ahead of time,
>
>
>Marcus
>KI6SYM

1888. Re: [harris-radio] KO6NO serial adapter for RF-350K with PC-ALE

Yahoo group: harris-radio
Date: 2014-07-13 01:35:41 UTC
From: Marcus Julian
Topic: 1886 Message: 1888

This issue is closed. Thanks you.

On Fri, Jul 11, 2014 at 10:15 AM, marjulcusian@... [harris-radio] <
harris-radio@yahoogroups.com> wrote:

>
>
>
> Hi all:
>
> I have the above set up and I am unable to get the PC-ALE hardware to talk
> to my RF-350K. I have used other S/W (RT1446v071.exe) to communicate with
> the Radio with no problem. I have set up the PC-ALE RRC to use the serial
> parameters I have with the RT1446 program, namely 9600,N,8,1 at COM1 with
> the RF-350K selected as the radio. Any Ideas?
>
> Thanks ahead of time,
>
>
> Marcus
> KI6SYM
>
>
>
>

1889. A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-07-16 21:21:04 UTC
From: Joseph
Topic: 1782 Message: 1889

Most of you probably know that I purchased Tom Norris' PRC-138 and that it is missing the A7 Power Module.

I am prepared to offer $ 450 for one of the A7 Modules.

I also have the following that we could use as part of a cash/trade deal if that were to be preferable.

PRC-117A
Have one or two of each board as well as the rare TF-117 Maintenance Test Kit

PRC-119(*)
A3272704-1 (5998-01-455-9641) processor board
A3266120-1 (5895-01-455-9642) panel keyboard
A3272536-1 (5998-01-455-9640) interface board

LST-5
1A5 Receive Module
Display
Screen

Datron TW7000
ALE Controller

- - - -
Joseph Pinner +
KC5IJD / NNN0PHR

1890. OT: Harris RF-601A - ECCN number

Yahoo group: harris-radio
Date: 2014-07-17 14:05:03 UTC
From: Berndt Josef Wulf
Topic: 1890 Message: 1890

G'day,

I wonder if there is someone on this list that knows the ECCN for the antenna tuner? I believe it belongs to category 5a, Telecommunication, but I failed to find anything in the CCL that described such equipment.

Any help is very much appreciated

73, Berndt
VK5ABN

1891. Remote controller for Harris RF-382A, RF-382 and CU2397G

Yahoo group: harris-radio
Date: 2014-07-17 14:22:06 UTC
From: Paul Katz
Topic: 1891 Message: 1891

I have designed a controller for the RF-382A antenna coupler that allows it to be used with any radio. The controller operates by using the FWD power sense from the coupler and does a Rechannel command only at low power (under 30 watts) when the RF carrier is on continuously for a short time. Rechannel is locked out on powers above 30 watts and the controller will not do a Rechannel command on SSB or CW. With a bias-T circuit in the coax the RF-382A and this controller and coupler can be powered over the coax cable. No power or control cables are necessary, only the RF coax. The parts are less than $5 and this controller circuit is so simple that it could be built into an extended shell controller connector that would plug into the RF-382A, /e.g/., a controller dongle.

Don't know how to upload controller information to Harris-Radio group but will be happy to email to anyone interested or someone help me with an upload to Yahoo group. If anyone is skilled at designing and making a printed circuit board for this controller, using either through-hole or surface mount components, would like to hear from them.

73,
Paul - W5NTQ
paulnkatz@...

1892. Re: Remote controller for Harris RF-382A, RF-382 and CU2397G

Yahoo group: harris-radio
Date: 2014-07-17 15:47:21 UTC
From: kennlyng@...
Topic: 1891 Message: 1892

hi Paul would love to see how you have done it have several RF-382 that I am using on my RF 350 / RF 355 combo, I would like to be able to use it on my ft847 as well

Best regards Kenneth - OZ2ADE

1893. Re: Remote controller for Harris RF-382A, RF-382 and CU2397G

Yahoo group: harris-radio
Date: 2014-07-17 22:39:08 UTC
From: prcradio@...
Topic: 1891 Message: 1893

Paul,
Many years ago I posted an RF-382 controller for any radio that was designed by Harris, see "RF-382A controller" in the files section. I am interested in your version which does not need a control cable, can you email me the diagram through this group?

Thanks,
Mike

1894. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2014-07-18 02:20:43 UTC
From: harris-radio@yahoogroups.com
Topic: 1894 Message: 1894

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /Harris RF-382A remote controller1.pdf
Uploaded by : scm325 <Highpwr@...>
Description : RF-382A No Cable required coupler controller by Paul Katz W5NTQ

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/harris-radio/files/Harris%20RF-382A%20remote%20controller1.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

scm325 <Highpwr@...>

1895. Re: [harris-radio] Remote controller for Harris RF-382A, RF-382 and CU2397G

Yahoo group: harris-radio
Date: 2014-07-18 02:22:22 UTC
From: S C Marrow
Topic: 1891 Message: 1895

Paul sent me the file (PDF) and I have uploaded it to the files section....many thanks Paul!

Steve
KM4V
----- Original Message -----
From: Paul Katz paulnkatz@... [harris-radio]
To: harris-radio@yahoogroups.com
Sent: Thursday, July 17, 2014 10:22 AM
Subject: [harris-radio] Remote controller for Harris RF-382A, RF-382 and CU2397G

I have designed a controller for the RF-382A antenna coupler that allows it to be used with any radio. The controller operates by using the FWD power sense from the coupler and does a Rechannel command only at low power (under 30 watts) when the RF carrier is on continuously for a short time. Rechannel is locked out on powers above 30 watts and the controller will not do a Rechannel command on SSB or CW. With a bias-T circuit in the coax the RF-382A and this controller and coupler can be powered over the coax cable. No power or control cables are necessary, only the RF coax. The parts are less than $5 and this controller circuit is so simple that it could be built into an extended shell controller connector that would plug into the RF-382A, e.g., a controller dongle.

Don't know how to upload controller information to Harris-Radio group but will be happy to email to anyone interested or someone help me with an upload to Yahoo group. If anyone is skilled at designing and making a printed circuit board for this controller, using either through-hole or surface mount components, would like to hear from them.

73,
Paul - W5NTQ
paulnkatz@...

1896. Re: [harris-radio] Remote controller for Harris RF-382A, RF-382 and CU2397G

Yahoo group: harris-radio
Date: 2014-07-18 11:46:44 UTC
From: Highpwr@...
Topic: 1891 Message: 1896

Paul can't seem to download his file that I uploaded for him, can someone else try it and see if you are also having difficulties. shortly after I downloaded it I was & am able to download it from the files section....we're trying to figure out where the problem lies.

PS I have deliberately not provided the link as I always click on the files tab, then identify the file I want and click on it to do my downloads.

Thanks,
Steve

1897. RE: [harris-radio] Remote controller for Harris RF-382A, RF-382 and CU2397G

Yahoo group: harris-radio
Date: 2014-07-18 12:35:59 UTC
From: <w5dtw2@...>
Topic: 1891 Message: 1897

I did not have any issues opening the file.

Craig

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, July 18, 2014 6:47 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Remote controller for Harris RF-382A, RF-382 and CU2397G

Paul can't seem to download his file that I uploaded for him, can someone else try it and see if you are also having difficulties. shortly after I downloaded it I was & am able to download it from the files section....we're trying to figure out where the problem lies.

PS I have deliberately not provided the link as I always click on the files tab, then identify the file I want and click on it to do my downloads.

Thanks,
Steve

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

1898. Re: [harris-radio] Remote controller for Harris RF-382A, RF-382 and CU2397G

Yahoo group: harris-radio
Date: 2014-07-18 14:48:47 UTC
From: Robert Kinney
Topic: 1891 Message: 1898

Opens fine for me!

On Fri, Jul 18, 2014 at 6:35 AM, w5dtw2@papaloteranch.com [harris-radio] <
harris-radio@yahoogroups.com> wrote:

>
>
> I did not have any issues opening the file.
>
> Craig
>
>
>
> *From:* harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
>
> *Sent:* Friday, July 18, 2014 6:47 AM
> *To:* harris-radio@yahoogroups.com
> *Subject:* Re: [harris-radio] Remote controller for Harris RF-382A,
> RF-382 and CU2397G
>
>
>
>
>
> Paul can't seem to download his file that I uploaded for him, can someone
> else try it and see if you are also having difficulties. shortly after I
> downloaded it I was & am able to download it from the files
> section....we're trying to figure out where the problem lies.
>
> PS I have deliberately not provided the link as I always click on the
> files tab, then identify the file I want and click on it to do my downloads.
>
> Thanks,
> Steve
>
>
>
> ------------------------------
> <http://www.avast.com/>
>
> This email is free from viruses and malware because avast! Antivirus
> <http://www.avast.com/> protection is active.
>
>

>

1899. Re: RF-350 LPF BIT error

Yahoo group: harris-radio
Date: 2014-07-19 03:07:52 UTC
From: N4BE_Jim
Topic: 1746 Message: 1899

Finally getting around to fixing my RF-350K, which has at least 2 bad relays. I get an A1A5 BIT error and very weak receive. Looking at K7 and K1 it looks like a tiny white plastic piece that moves the contacts has broken in two on both relays. I opened the relays and am attempting a epoxy glue repair to put the little piece back together, but it doesn't hold. Almost feels like ceramic. Probably fruitless. I can probably clean the other relays but I need at least these 2. They are both the same part number. So are there any spares available out there?

Thanks,
Jim N4BE

Sent from my iPad

1900. Re: [harris-radio] Re: RF-350 LPF BIT error

Yahoo group: harris-radio
Date: 2014-07-19 09:47:12 UTC
From: S C Marrow
Topic: 1746 Message: 1900

There is or was a seller on ebay that lists them, bought a whole set about 3 years ago, but noticed that he had some listed again late last year or early this year....don't recall his ID. Search there they were specifically listed as relays for the RF-350

Steve
KM4V

1901. RE: [harris-radio] Re: RF-350 LPF BIT error

Yahoo group: harris-radio
Date: 2014-07-19 13:26:39 UTC
From: Francesco Ledda
Topic: 1746 Message: 1901

Seller name is isaiah61freedom

Bought relays from him a month ago. Kind of expensive, but NOS.

Frank

KF5RXV

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, July 19, 2014 4:47 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: RF-350 LPF BIT error

There is or was a seller on ebay that lists them, bought a whole set about 3
years ago, but noticed that he had some listed again late last year or early
this year....don't recall his ID. Search there they were specifically
listed as relays for the RF-350

Steve

KM4V

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

1902. RE: [harris-radio] Re: RF-350 LPF BIT error

Yahoo group: harris-radio
Date: 2014-07-19 13:30:50 UTC
From: Francesco Ledda
Topic: 1746 Message: 1902

Relays for RF-350k

http://www.ebay.com/itm/Aromat-Relay-Electromagnetic-NT1-DC12V-8amp-12VDC-/270829984891?pt=LH_DefaultDomain_0
<http://www.ebay.com/itm/Aromat-Relay-Electromagnetic-NT1-DC12V-8amp-12VDC-/270829984891?pt=LH_DefaultDomain_0&hash=item3f0eb99c7b#ht_359wt_1162>
&hash=item3f0eb99c7b#ht_359wt_1162

Frank

KF5RXV

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, July 19, 2014 4:47 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: RF-350 LPF BIT error

There is or was a seller on ebay that lists them, bought a whole set about 3 years ago, but noticed that he had some listed again late last year or early this year....don't recall his ID. Search there they were specifically listed as relays for the RF-350

Steve

KM4V

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

1903. Re: [harris-radio] Re: RF-350 LPF BIT error

Yahoo group: harris-radio
Date: 2014-07-21 05:24:58 UTC
From: Robert Kinney
Topic: 1746 Message: 1903

http://www.ebay.com/itm/NT1-DC12V-NT1DC12V-NT1-SERIES-AROMAT-8A-12V-PC-MOUNT-USE-/181465562279?pt=LH_DefaultDomain_0&hash=item2a4030bca7

Here is another eBay seller that shows 3 available..... but is less expensive.

Bob
KC4JJ

On Sat, Jul 19, 2014 at 7:30 AM, 'Francesco Ledda' frledda@...
[harris-radio] <harris-radio@yahoogroups.com> wrote:

>
>
> Relays for RF-350k
>
>
>
>
> http://www.ebay.com/itm/Aromat-Relay-Electromagnetic-NT1-DC12V-8amp-12VDC-/270829984891?pt=LH_DefaultDomain_0&hash=item3f0eb99c7b#ht_359wt_1162
>
>
>
> Frank
>
> KF5RXV
>
>
>
> *From:* harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
>
> *Sent:* Saturday, July 19, 2014 4:47 AM
> *To:* harris-radio@yahoogroups.com
> *Subject:* Re: [harris-radio] Re: RF-350 LPF BIT error
>
>
>
>
>
> There is or was a seller on ebay that lists them, bought a whole set about
> 3 years ago, but noticed that he had some listed again late last year or
> early this year....don't recall his ID. Search there they were
> specifically listed as relays for the RF-350
>
>

>
> Steve
>
> KM4V
>
>
>
> ----------
> <http://www.avast.com/>
>
> This email is free from viruses and malware because avast! Antivirus
> <http://www.avast.com/> protection is active.
>
>
>

1904. Rf-350k

Yahoo group: harris-radio
Date: 2014-07-27 10:21:42 UTC
From: vk5abc@...
Topic: 1904 Message: 1904

Hello All

Has anyone ever designed a spin wheel remote for RT-1446/URC?

73' Lee.

1905. Re: [harris-radio] Rf-350k

Yahoo group: harris-radio
Date: 2014-07-27 16:06:53 UTC
From: Peter Gottlieb
Topic: 1904 Message: 1905

Not that I've heard of. I had thought about doing it but never had the time (or more accurately, the time and the radio in the same place).

I would definitely be interested though, and would be willing to help out hardware/firmware wise as well.

I was thinking of a standard rotary quadrature encoder paired with a cheap micro, but didn't look in detail about whether there were step up/down commands available for serial control, updating speed, or whether you'd have to keep a local freq number update and resend, etc.

Peter

On 7/27/2014 6:21 AM, vk5abc@... [harris-radio] wrote:
>
> Hello All
>
>
> Has anyone ever designed a spin wheel remote for RT-1446/URC?
>
>
>
> 73' Lee.
>
>
>

1906. RE: [harris-radio] Rf-350k

Yahoo group: harris-radio
Date: 2014-07-28 00:14:08 UTC
From: <w5dtw2@...>
Topic: 1904 Message: 1906

For what it’s worth I am also interested…

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, July 27, 2014 11:07 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Rf-350k

Not that I've heard of. I had thought about doing it but never had the time (or more accurately, the time and the radio in the same place).

I would definitely be interested though, and would be willing to help out hardware/firmware wise as well.

I was thinking of a standard rotary quadrature encoder paired with a cheap micro, but didn't look in detail about whether there were step up/down commands available for serial control, updating speed, or whether you'd have to keep a local freq number update and resend, etc.

Peter

On 7/27/2014 6:21 AM, vk5abc@....au <mailto:vk5abc@...> [harris-radio] wrote:
>
> Hello All
>
>
> Has anyone ever designed a spin wheel remote for RT-1446/URC?
>
>
>
> 73' Lee.
>
>
>

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

1907. RF-382A remote controller

Yahoo group: harris-radio
Date: 2014-07-28 14:07:22 UTC
From: Paul Katz
Topic: 1907 Message: 1907

Have been field testing the RF-382A remote controller with several different year manufacture RF-382As and have found one of the new ones will not always Rechannel. The controller logic works as it should, just that the very short rechannel pulse generated by the capacitor is sometimes being ignored by the coupler Rechannel input circuit. This problem has been solved by replacing the capacitor with a Rechannel driver transistor and a few timing components that provide a more defined to ground and longer fixed pulse width for the Rechannel command. Will continue testing the revised circuit. Also using a bias-T to feed power to the RF-382A over the coax. Found a Hammond weatherproof metal box that is ideal for mounting the controller circuit board and provides RF shielding for it.

A single sided printed circuit board (PCB) has been designed that incorporates the improved Rechannel driver circuit discussed above. Far Circuits will be making the PCBs and can be purchased from them in the near future (after the next round of field testing). Please let me know if you are interested in purchasing a PCB and quantity for the remote controller, no commitment, just want a rough count to get a quantity price from Far Circuits. I've built the field prototype using vector board and it is no fun. The PCB is about 2 inches by 2 inches and single sided so it should not be that expensive. If anyone is in the middle of building a RF-382A remote controller, please let me know and I will send you a preliminary schematic of the revised circuit diagram. However I recommend waiting for the PCB that has the revised circuit.

73,
Paul, W5NTQ

1908. RE: [harris-radio] RF-382A remote controller

Yahoo group: harris-radio
Date: 2014-07-28 16:59:40 UTC
From: Dr Fred Hambrecht
Topic: 1907 Message: 1908

I am interested in 3 each.

Fred W4JLE

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, July 28, 2014 10:07 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-382A remote controller

Have been field testing the RF-382A remote controller with several different year manufacture RF-382As and have found one of the new ones will not always Rechannel. The controller logic works as it should, just that the very short rechannel pulse generated by the capacitor is sometimes being ignored by the coupler Rechannel input circuit. This problem has been solved by replacing the capacitor with a Rechannel driver transistor and a few timing components that provide a more defined to ground and longer fixed pulse width for the Rechannel command. Will continue testing the revised circuit. Also using a bias-T to feed power to the RF-382A over the coax. Found a Hammond weatherproof metal box that is ideal for mounting the controller circuit board and provides RF shielding for it.

A single sided printed circuit board (PCB) has been designed that incorporates the improved Rechannel driver circuit discussed above. Far Circuits will be making the PCBs and can be purchased from them in the near future (after the next round of field testing). Please let me know if you are interested in purchasing a PCB and quantity for the remote controller, no commitment, just want a rough count to get a quantity price from Far Circuits. I've built the field prototype using vector board and it is no fun. The PCB is about 2 inches by 2 inches and single sided so it should not be that expensive. If anyone is in the middle of building a RF-382A remote controller, please let me know and I will send you a preliminary schematic of the revised circuit diagram. However I recommend waiting for the PCB that has the revised circuit.

73,
Paul, W5NTQ

1909. Re: RF-382A remote controller

Yahoo group: harris-radio
Date: 2014-07-28 19:26:01 UTC
From: prcradio@...
Topic: 1907 Message: 1909

I'm interested in one, maybe two . Thanks for the great work your doing.
Mike

1910. Re: [harris-radio] RF-382A remote controller

Yahoo group: harris-radio
Date: 2014-07-28 20:26:16 UTC
From: Joe Munson
Topic: 1907 Message: 1910

Hi Paul,

I would be interested in one.

Thanks,

Joe

1911. RE: [harris-radio] RF-382A remote controller

Yahoo group: harris-radio
Date: 2014-07-28 22:57:04 UTC
From: dfemer
Topic: 1907 Message: 1911

Paul,
I'd be interested in 2-3 boards.
Can you describe how the controller is initiated and how it works.
Dud KK7IF

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, July 28, 2014 7:07 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-382A remote controller

Have been field testing the RF-382A remote controller with several different year manufacture RF-382As and have found one of the new ones will not always Rechannel. The controller logic works as it should, just that the very short rechannel pulse generated by the capacitor is sometimes being ignored by the coupler Rechannel input circuit. This problem has been solved by replacing the capacitor with a Rechannel driver transistor and a few timing components that provide a more defined to ground and longer fixed pulse width for the Rechannel command. Will continue testing the revised circuit. Also using a bias-T to feed power to the RF-382A over the coax. Found a Hammond weatherproof metal box that is ideal for mounting the controller circuit board and provides RF shielding for it.

A single sided printed circuit board (PCB) has been designed that incorporates the improved Rechannel driver circuit discussed above. Far Circuits will be making the PCBs and can be purchased from them in the near future (after the next round of field testing). Please let me know if you are interested in purchasing a PCB and quantity for the remote controller, no commitment, just want a rough count to get a quantity price from Far Circuits. I've built the field prototype using vector board and it is no fun. The PCB is about 2 inches by 2 inches and single sided so it should not be that expensive. If anyone is in the middle of building a RF-382A remote controller, please let me know and I will send you a preliminary schematic of the revised circuit diagram. However I recommend waiting for the PCB that has the revised circuit.

73,
Paul, W5NTQ

Posted by: Paul Katz <paulnkatz@...>

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.net

Yahoo Groups Links

1912. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2014-07-29 01:38:06 UTC
From: harris-radio@yahoogroups.com
Topic: 1894 Message: 1912

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /Harris RF-382 Controller/MOUSER_Receipt_35609446-1.pdf
Uploaded by : scm325 <Highpwr@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/harris-radio/files/Harris%20RF-382%20Controller/MOUSER_Receipt_35609446-1.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

scm325 <Highpwr@...>

1913. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2014-07-29 01:39:29 UTC
From: harris-radio@yahoogroups.com
Topic: 1894 Message: 1913

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /Harris RF-382 Controller/Harris RF-382A remote controller1.pdf
Uploaded by : scm325 <Highpwr@...>
Description : Original Controller

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/harris-radio/files/Harris%20RF-382%20Controller/Harris%20RF-382A%20remote%20controller1.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

scm325 <Highpwr@...>

1914. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2014-07-29 01:40:30 UTC
From: harris-radio@yahoogroups.com
Topic: 1894 Message: 1914

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /Harris RF-382 Controller/Station control with Harris RF-382A remote controller Rv.pdf
Uploaded by : scm325 <Highpwr@...>
Description : Revised

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/harris-radio/files/Harris%20RF-382%20Controller/Station%20control%20with%20Harris%20RF-382A%20remote%20controller%20Rv.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

scm325 <Highpwr@...>

1915. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2014-07-29 01:46:53 UTC
From: harris-radio@yahoogroups.com
Topic: 1894 Message: 1915

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /Harris RF-382 Controller/Station control with Harris RF-382A remote controller Vr5.pdf
Uploaded by : scm325 <Highpwr@...>
Description : Revised Ver 5 with Cable Shield Connection

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/harris-radio/files/Harris%20RF-382%20Controller/Station%20control%20with%20Harris%20RF-382A%20remote%20controller%20Vr5.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

scm325 <Highpwr@...>

1916. Re: [harris-radio] RF-382A remote controller

Yahoo group: harris-radio
Date: 2014-07-29 01:52:12 UTC
From: S C Marrow
Topic: 1907 Message: 1916

Paul & the group,

Downloaded the new info and files with PCB layouts, and Mouser Parts breakdown to new file folder " Harris RF-382 Controller" this evening.

Many Many thanks to Paul.

BTW Paul I would be interested in a couple of the boards.

Steve
KM4V

1917. Re: [harris-radio] RF-382A remote controller

Yahoo group: harris-radio
Date: 2014-07-29 01:56:30 UTC
From: S C Marrow
Topic: 1907 Message: 1917

Messages show 4 file downloaded , but one was an error, so ther are only 3 in the folder.

Steve
KM4V

1918. RF-382A remote controller progress

Yahoo group: harris-radio
Date: 2014-07-29 21:42:28 UTC
From: Paul Katz
Topic: 1907 Message: 1918

I have tested the revised design of the RF-382A remote controller with five different RF-382As from very early production to a brand new late production unit. All have accepted the Rechannel command every time without problem. So I've finalized the design and will be laying out the PCB using this revised design. Will send revised design to Steve, KM4V, to upload to the Harris-Radio files section. Ignore or delete previous schematics. The latest design says "Ver.12" in the bottom right corner of the schematic. That is the one you want to use.

If you cannot access the files section like me, then email me and I will send you a PDF schematic.

73,
Paul, W5NTQ

1919. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2014-07-30 00:41:04 UTC
From: harris-radio@yahoogroups.com
Topic: 1894 Message: 1919

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /Harris RF-382 Controller/Harris RF-382A remote controller V12.pdf
Uploaded by : scm325 <Highpwr@...>
Description : Ver. 12 Updated Schematic

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/harris-radio/files/Harris%20RF-382%20Controller/Harris%20RF-382A%20remote%20controller%20V12.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

scm325 <Highpwr@...>

1920. RF-550powerSupply

Yahoo group: harris-radio
Date: 2014-07-30 03:52:26 UTC
From: John Watkins
Topic: 1920 Message: 1920

I am starting through my RF-550 and was wondering if anyone has had a problem with the filter caps in the power supply? I have had to replace an occasional Tantalum, on the modules, but really haven't been into the supply yet. Will be going through the whole unit. I do have the extender cables and boards so should be interesting.

John WD5ENU

Sent from my iPad

1921. RF-382A remote controller latest update

Yahoo group: harris-radio
Date: 2014-07-30 15:08:37 UTC
From: Paul Katz
Topic: 1894 Message: 1921

Working an a printed circuit board (PCB) layout for the RF-382A remote controller so PCBs can be made. The PCB is small enough to fit inside of the RF-382A with connections available at the A7 Interface PWB. Therefore no external box or cable is needed, only DC power to the control connector. The controller PCB can still be enclosed in an external box with a cable to the control connector if that is desired.

73,
Paul, W5NTQ

1922. HARRIS RF-7210A ADAPTIVE CONTROLLER

Yahoo group: harris-radio
Date: 2014-07-30 15:39:46 UTC
From: vk5abc@...
Topic: 1922 Message: 1922

Hello All

Is there anyone here willing to sell me a Rf-7210A controller?

73's Lee.

1923. Re: [harris-radio] Rf-350k

Yahoo group: harris-radio
Date: 2014-07-30 16:41:31 UTC
From: vk5abc@...
Topic: 1904 Message: 1923

Thanks for reply, where to start, how does the C-11329 or Rf-7210A work maybe we could open it up for users to comment. Which micro to use I can program in C a present I have the flue and will have wait I feel better.

Lee.

1924. Re: [harris-radio] Rf-350k

Yahoo group: harris-radio
Date: 2014-07-30 16:45:49 UTC
From: mmurphys@...
Topic: 1904 Message: 1924

I hope you guys realize these devices and diagrams are under control of the ITAR regulations .

1925. Re: [harris-radio] Rf-350k

Yahoo group: harris-radio
Date: 2014-07-30 16:46:39 UTC
From: Peter Gottlieb
Topic: 1904 Message: 1925

Well, if you're going to select a micro, get one which has Ethernet connectivity as that could give the rig network capability. I picked up a little board recently for IIRC $59 which even has a built in open source web server, 2 serial ports and a bunch of analog and digital IO all on a tiny little board. The RG-45 Ethernet connector is the largest thing on the board. With all the example code and free IDE it shouldn't be hard to get something going.

Peter

On 7/30/2014 12:41 PM, vk5abc@... [harris-radio] wrote:
>
> Thanks for reply, where to start, how does the C-11329 or Rf-7210A work
> maybe we could open it up for users to comment. Which micro to use I can
> program in C a present I have the flue and will have wait I feel better.
>
>
> Lee.
>

1926. Re: RF-382A remote controller

Yahoo group: harris-radio
Date: 2014-07-31 03:10:02 UTC
From: steve@...
Topic: 1907 Message: 1926

Paul,

I am interested in two boards.

Thanks
Steve KD2OM

1927. Re: [harris-radio] Rf-350k

Yahoo group: harris-radio
Date: 2014-07-31 03:26:03 UTC
From: steve@...
Topic: 1904 Message: 1927

What about the KO6NO remote control program and a Griffin Powermate usb tuning wheel? I haven't tried it, just thinking...

Steve KD2OM/NNN0HSB

1928. Re: [harris-radio] Rf-350k

Yahoo group: harris-radio
Date: 2014-07-31 03:50:07 UTC
From: Peter Gottlieb
Topic: 1904 Message: 1928

Nice package, you'd need a USB interface which is a lot of overhead. I was thinking something more like ebay 281376227639 which is a standard HP instrument rotary encoder. It would also be nice to have a few buttons nearby, such as tune increment, maybe some programmable with for example ham bands, mode and so forth.

Peter

On 7/30/2014 11:26 PM, steve@... [harris-radio] wrote:
> Griffin Powermate usb tuning wheel

1929. harris 5045 pre/post selector

Yahoo group: harris-radio
Date: 2014-07-31 16:30:19 UTC
From: w4jle@...
Topic: 1929 Message: 1929

I have a Harris 5045 pre/post selector that I do not use. I am open to offers or swaps.

Fred W4JLE

1930. RE: [Bulk] Re: [harris-radio] Rf-350k

Yahoo group: harris-radio
Date: 2014-07-31 17:45:52 UTC
From: Leon S. Ciereszko III
Topic: 1904 Message: 1930

Link?

Lee N4TCW

Where's Lee?
<http://map.findu.com/n4tcw> http://map.findu.com/n4tcw

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, July 30, 2014 12:47 PM
To: harris-radio@yahoogroups.com
Subject: [Bulk] Re: [harris-radio] Rf-350k

Well, if you're going to select a micro, get one which has Ethernet connectivity as that could give the rig network capability. I picked up a little board recently for IIRC $59 which even has a built in open source web server, 2 serial ports and a bunch of analog and digital IO all on a tiny little board. The RG-45 Ethernet connector is the largest thing on the board. With all the example code and free IDE it shouldn't be hard to get something going.

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>
> Thanks for reply, where to start, how does the C-11329 or Rf-7210A work
> maybe we could open it up for users to comment. Which micro to use I can
> program in C a present I have the flue and will have wait I feel better.
>
>
> Lee.
>

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2014.0.4716 / Virus Database: 3986/7943 - Release Date: 07/29/14

1931. Harris RF-550 Manual

Yahoo group: harris-radio
Date: 2014-07-31 19:26:46 UTC
From: John Watkins
Topic: 482 Message: 1931

Someone posted a . PDF digital copy of the Manual for the RF-550 awhile back, looking for it and can't find it now. Could you repost it?

Thanks,

John WD5ENU
Sent from my iPad

1932. Re: [harris-radio] Harris RF-550 Manual

Yahoo group: harris-radio
Date: 2014-08-01 21:15:40 UTC
From: Mauro Donadio
Topic: 482 Message: 1932

Dear John
You have made available to the Harris RF550 manual.

http://share.donadio.be/eletronics/harris.pdf

Kind regards
Mauro Donadio
PY3MD
Porto Alegre - Brazil

Em 31/07/2014 16:26, John Watkins jpwatkins9@... [harris-radio]
escreveu:
>
>
> Someone posted a . PDF digital copy of the Manual for the RF-550
> awhile back, looking for it and can't find it now. Could you repost it?
>
> Thanks,
>
> John WD5ENU
> Sent from my iPad
>
>

1933. Re: [harris-radio] Harris RF-550 Manual

Yahoo group: harris-radio
Date: 2014-08-01 22:50:11 UTC
From: John Watkins
Topic: 482 Message: 1933

Mauro,

Thanks, that will help.

John WD5ENU

Sent from my iPad

On Aug 1, 2014, at 16:15, "Mauro Donadio donadio.adv@... [harris-radio]" <harris-radio@yahoogroups.com> wrote:

>
>
> Dear John
> You have made available to the Harris RF550 manual.
>
> http://share.donadio.be/eletronics/harris.pdf
>
> Kind regards
> Mauro Donadio
> PY3MD
> Porto Alegre - Brazil
>
>
> Em 31/07/2014 16:26, John Watkins jpwatkins9@... [harris-radio] escreveu:
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>>
>> Thanks,
>>
>> John WD5ENU
>> Sent from my iPad
>>
>
>
>
>

1934. FS: CU-2310/URC aka RF-351

Yahoo group: harris-radio
Date: 2014-08-02 01:36:04 UTC
From: hpnpilot@...
Topic: 1934 Message: 1934

I have an antenna coupler for sale.

CU-2310/URC also called a RF-351. This is the 500 Watt auto tuner for the RF-350K with or without the AM-7223 500 Watt amplifier. Tunes 1.6 to 30 MHz.

Excellent condition inside and out. Was in occasional use until I had to get the fast tuner for ALE work. Works great.

Looking for $400 plus shipping from 01778 in MA. Sorry, no overseas sales for this item. Note that these are no longer being released as surplus.

Please contact me off list for photos or if you have any questions.

Peter

1935. Re: [harris-radio] FS: CU-2310/URC aka RF-351

Yahoo group: harris-radio
Date: 2014-08-02 01:53:27 UTC
From: ROBERT
Topic: 1934 Message: 1935

HI,

COULD YOU PLZ SEND ME PHOTO OF THE ANTENNA TUNER...

ALSO WHERE ARE YOU IN MA... I AM IN SPFLD...

BOB, K1PQR

----- Original Message -----

From: "hpnpilot@... [harris-radio]" <harris-radio@yahoogroups.com>
To: harris-radio@yahoogroups.com
Sent: Friday, August 1, 2014 9:36:04 PM
Subject: [harris-radio] FS: CU-2310/URC aka RF-351

I have an antenna coupler for sale.

CU-2310/URC also called a RF-351. This is the 500 Watt auto tuner for the RF-350K with or without the AM-7223 500 Watt amplifier. Tunes 1.6 to 30 MHz.

Excellent condition inside and out. Was in occasional use until I had to get the fast tuner for ALE work. Works great.

Looking for $400 plus shipping from 01778 in MA. Sorry, no overseas sales for this item. Note that these are no longer being released as surplus.

Please contact me off list for photos or if you have any questions.

Peter

1936. RF-4040 R/E?

Yahoo group: harris-radio
Date: 2014-08-02 21:58:20 UTC
From: W2HX
Topic: 1936 Message: 1936

Anyone ever own this harris receiver exciter? I've just today learned of its existence. I am thinking they are rare. Anyone care to comment? Looks like a good alternative to the RT-1209 general dynamics exciter for a GRC-193..comments?
Thanks
Eugene W2HX

1937. Re: RF-4040 R/E?

Yahoo group: harris-radio
Date: 2014-08-06 00:04:01 UTC
From: steve@...
Topic: 1936 Message: 1937

Eugene,

They were quite big compared to the RT-1209. They are rare because the government didn't buy them, most went to international customers. Hardware wise they were similar to the RF-230 family with added military features. The best enhancement was that it had memory where the RT-1209 did not.

Steve KD2OM

1938. RF-382A controller PCB

Yahoo group: harris-radio
Date: 2014-08-07 21:31:31 UTC
From: Paul Katz
Topic: 1938 Message: 1938

Have finalized the printed circuit board design for the RF-382A controller and now want to get quotes for the fabrication of the PCBs. Are there any suggestions from the group about good PCB fabricators that will make small quantities of double-sided, plated-through-hole PCBs? The PCB artwork was done using ExpressPCB. What experiences have you had with PCB fabricators?

73,
Paul, W5NTQ

1939. Harris Unity

Yahoo group: harris-radio
Date: 2014-08-07 23:45:10 UTC
From: kd4efm1@...
Topic: 1939 Message: 1939

Any Unity users with the XG-100P able to help me, i have software thats too new for my portable.

Thank you.
Evans
kd4efm

1940. RE: [harris-radio] Harris Unity

Yahoo group: harris-radio
Date: 2014-08-08 03:37:19 UTC
From: Richard Johnson
Topic: 1939 Message: 1940

Ugh, what a radio. I had a week of training on it back in January doing programming et al. CRS now because I really only use green stuff. Need more time on those Unity boxes when I can to stay fresh.
Good luck
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Thu, 7 Aug 2014 16:45:10 -0700
Subject: [harris-radio] Harris Unity

Any Unity users with the XG-100P able to help me, i have software thats too new for my portable.

Thank you.
Evans
kd4efm

1941. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2014-08-09 01:35:40 UTC
From: harris-radio@yahoogroups.com
Topic: 1894 Message: 1941

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /Harris RF-382 Controller/Harris RF-382A remote controller & PCB layout 080814.pdf
Uploaded by : scm325 <Highpwr@...>
Description : 08/08/14 Consolidated with new PCB artwork.

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/harris-radio/files/Harris%20RF-382%20Controller/Harris%20RF-382A%20remote%20controller%20%26%20PCB%20layout%20080814.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

scm325 <Highpwr@...>

1942. A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-08-11 17:14:58 UTC
From: Joseph
Topic: 1782 Message: 1942

Here is my monthly request for help getting my PRC-138 on the air.

I bought it for use with my MARS station as it has built in ALE and Mil Data modes. I plan to use it in the field as well as at my fixed station as I have a Harris 125 W amp that is used with it.

I know that some of you have a spare A7 module but are hesitant to part with it. I hope that you will reconsider so that the PRC-138 I have can be made operational. It is ashamed that both are now on a shelf unused.

I am prepared to offer $ 500 for a working A7 Module.

I also have the following that we could use as part of a cash/trade deal if that were to be preferable.

PRC-117A
Have one or two of each board as well as the rare TF-117 Maintenance Test Kit

PRC-119(*)
A3272704-1 (5998-01-455-9641) processor board
A3266120-1 (5895-01-455-9642) panel keyboard
A3272536-1 (5998-01-455-9640) interface board

LST-5
1A5 Receive Module
Display
Screen

Datron TW7000
ALE Controller

- - - -
Joseph Pinner +
KC5IJD / NNN0PHR

1943. Swap?

Yahoo group: harris-radio
Date: 2014-08-18 08:28:17 UTC
From: w4jle@...
Topic: 1943 Message: 1943

I would like to swap a harris 5022/125 Watt amp/tuner with all cables and basemount for a pacer Bounce system.

Contact me offline W4JLE@w4jle.com if interested.

1944. RF-382A remote controller

Yahoo group: harris-radio
Date: 2014-08-22 14:35:33 UTC
From: Paul Katz
Topic: 1907 Message: 1944

Finally received the prototype printed circuit boards (PCBs) and built one controller. Put the controller PCB in a non-metallic weatherproof single gang outlet box with three feet of unshielded cable to the RF-382A control connector. Located the controller two feet from the antenna (43' vertical) and tested on all bands 80-10 meters from 585 watts (80 meters) to 435 watts (10 meters). No drama from high power operation with no shielding. Rechannel cycle works as it should every time.

I'm ready to order PCBs. So far 27 PCBs have been requested. ExpressPCB seems to have the best deal for double sided PCBs with plated through holes. For 28 PCBs from ExpressPCB the cost is $10.42 per PCB. Far Circuits will have these PCBs available but cannot do plated through holes for double sided PCBs. Not a big deal, just have to remember to solder top and bottom pads when a connection is necessary from top to bottom. However, soldering to a non-plated through hole PCB is more difficult to do since the solder will not wick up the non-plated holes. A single sided PCB layout is also available and I will give that to Far Circuits. For those who want to make their own PCBs please mail me off list and I will send you the PCB artwork.

So the good news is buying a quantity of PCBs allows a reasonable price per PCB of $10.42 each. The double sided PCB is small enough to install inside of the RF-382A case just above the ribbon connector on the Interface PWB of the RF-382A. Of course it will easily fit inside of a small weatherproof box, e.g., Hammond or single gang WP outlet box.

The bad news is I'm only going to do a quantity order for plated through hole PCBs one time. After that order you will have to get non-plated through hole PCBs from Far Circuits, or pay the setup and production fees to ExpressPCB (two boards minimum): artwork setup $61, board setup $2, area cost $13.30, shipping $13.10; total $89.40 for two boards: or make your own.

Since the PCBs have to be shipped to me, I will also offer a kit of parts to those who want the parts also. Parts are not expensive and having to pay shipping twice, once for the PCB and a second time for the parts from a different source is not necessary. If anyone is interested I'll figure out the cost of parts that can be shipped together with the PCB.

Shipping costs to you are extra and will be determined by how and what country the PCB/parts are shipped.

Below is a list of those who want PCBs. If you are even thinking about making a controller now or in the future, suggest getting as many of these PCBs as you hope to use, including spares. The PCBs are not hard

to build and the prototype PCB worked perfectly right after I finished construction. If you want a kit please let me know if you would like a straight or 90 degree Molex connector. The straight works best if you will be putting the controller in a weatherproof external box. The 90 degree connector is necessary if you will be putting the controller inside of the RF-382A case.

PCB = printed circuit board only

Kit = PCB and parts

Call Sign or Name

Quantity

package

Connector

W4JLE

3

Joe M

1

Mike prcradio

2

KK7IF

3

KD2OM

2

VE7OI

2

WD8INC

2

W5NTQ

4

kit

straight

W2HX

1

KM4V

3

Sid L

1

kit

straight

PA3ECT

3

TOTAL

27

73, Paul - W5NTQ

1945. Re: [harris-radio] RF-382A remote controller

Yahoo group: harris-radio
Date: 2014-08-22 16:02:56 UTC
From: Radio Station KW1I
Topic: 1907 Message: 1945

Paul,

Please put me in for two through hole plated boards with parts, straight molex connectors

This is a great piece of work you are doing to make the RF-382A more generally useable. Thanks so much.

Let me know when you need payment.

Dale Gagnon
KW1I

From: mailto:harris-radio@...m
Sent: Friday, August 22, 2014 10:35 AM
To: Harris Radio Group
Subject: [harris-radio] RF-382A remote controller

Finally received the prototype printed circuit boards (PCBs) and built one controller. Put the controller PCB in a non-metallic weatherproof single gang outlet box with three feet of unshielded cable to the RF-382A control connector. Located the controller two feet from the antenna (43' vertical) and tested on all bands 80-10 meters from 585 watts (80 meters) to 435 watts (10 meters). No drama from high power operation with no shielding. Rechannel cycle works as it should every time.

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PCB = printed circuit board only

Kit = PCB and parts

Call Sign or Name
Quantity
package
Connector

W4JLE
3

Joe M
1

Mike prcradio
2

KK7IF
3

KD2OM
2

VE7OI
2

WD8INC
2

W5NTQ
4
kit
straight

W2HX
1

KM4V
3

Sid L
1
kit
straight

PA3ECT
3

TOTAL
27

73, Paul - W5NTQ

1946. RE: [harris-radio] RF-382A remote controller

Yahoo group: harris-radio
Date: 2014-08-22 18:25:47 UTC
From: Harry Styron
Topic: 1907 Message: 1946

Paul,

Please let me know your email address. I would also like to order 2 pcb's so tell me payment arrangements.

Harry, K6HS

k6hs@...

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, August 22, 2014 9:03 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF-382A remote controller

Paul,

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Dale Gagnon

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Sent: Friday, August 22, 2014 10:35 AM

To: Harris Radio Group <mailto:harris-radio@yahoogroups.com>

Subject: [harris-radio] RF-382A remote controller

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Quantity

package

Connector

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kit

straight

W2HX

1

KM4V

3

Sid L

1

kit

straight

PA3ECT

3

TOTAL

27

73, Paul - W5NTQ

1947. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2014-08-23 02:10:31 UTC
From: harris-radio@yahoogroups.com
Topic: 1894 Message: 1947

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /Harris RF-382 Controller/RF-382A remote controller 12C.pdf
Uploaded by : scm325 <Highpwr@...>
Description : 08/19/14 Latest Version from Paul

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/harris-radio/files/Harris%20RF-382%20Controller/RF-382A%20remote%20controller%2012C.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

scm325 <Highpwr@...>

1948. Re: RF-382A remote controller

Yahoo group: harris-radio
Date: 2014-08-23 11:45:20 UTC
From: steve@...
Topic: 1907 Message: 1948

Paul,I would like two kits with double sided board and the straight connector.

Thank you very much for your work on this.

73
Steve KD2OM

1949. RF-382A controller and parts kit information

Yahoo group: harris-radio
Date: 2014-08-23 20:10:53 UTC
From: Paul Katz
Topic: 1949 Message: 1949

Would like to order the PCBs by Thursday of next week. Anyone interested in double checking the PCB artwork against the schematic diagram?

Below is a list of people who requested PCBs, and some who requested kits. Please review and verify that you are on the list and still want the quantity of PCBs listed, and also if you want a kit of parts if you have not already done so. The list of parts and their prices are also below. Shipping to be determined. I'll send anyway you want so long as there is a delivery confirmation available with it.

73, Paul - W5NTQ

PCB = printed circuit board only

Kit = PCB and parts

Call Sign or Name

Quantity

package

Kit will supply both types of connectors

W4JLE

3

Joe M

1

Mike prcradio

2

KK7IF

3

KD2OM

2

kit

straight

VE7OI

2

kit

straight

WD8INC

2

W5NTQ

4

kit

straight

W2HX

3

Kit

straight

KM4V

3

Sid L

1

kit

straight

PA3ECT

3

kit

KW1I

2

kit

straight

K6HS

2

kit

straight

KI6KYK

4

kit

90

N2LWY, Dave

2

kit

TOTAL

39

Parts list & prices

Qty

Part

Unit Price

Subtotal

1

Controller PCB

About $10 if 38-40 ordered

10.00

1

390 ohm ? watt

.10

.10

1

1k ohm ? watt

.10

.10

2

2.2k ohm ? watt

.10

.20

1

3.3k ohm ? watt

.10

.10

6

10k ohm ? watt

.10

.60

2

100k ohm ? watt

.10

.20

2

1M ohm ? watt

.10

.20

5

0.1 mf ceramic 0.1" radial

.32

1.60

2

0.47 mf ceramic 0.1" radial

.70

1.40

1

0.68 mf ceramic 0.1" radial

.56

.56

1

2.2 mf tantalum 0.1" radial

.76

.76

1

10 mf tantalum 0.1" radial

1.85

1.85

4

39 microhy choke axial

.29

1.16

6

1N4148 diode

.10

.60

1

2N5061 SCR

.61

.61

1

L78L09 Volt. Reg.

.50

.50

1

4N35

.36

.36

1

LM339N

.47

.47

1

Molex KK conn. straight

.99

.99

1

Molex KK conn. 90

1.35

1.35

1

Molex plug (5 pin)

.24

.24

6

Molex plug pins

.20

1.20

Prorata shipping

.50 (if 20 kits requested)

.50

Total for PCB & parts,
shipping extra

$25.65

1950. Re: [harris-radio] RF-382A controller and parts kit information

Yahoo group: harris-radio
Date: 2014-08-23 21:25:04 UTC
From: Joe Munson
Topic: 1949 Message: 1950

HI Paul,

I did not see my name on the list for a kit. I did email you a week or so ago. Any way, I would like one kit.

Thanks Paul,

Joe Munson
WAA4VAG
12873 Pennington Rd
Walton, Ky 41084
513-919-1210

1951. New berömmer; Morgan SM6OID

Yahoo group: harris-radio
Date: 2014-08-25 13:24:26 UTC
From: dr.boost@...
Topic: 1951 Message: 1951

Hi All!

My name is Morgan and I live in Sweden, licensed HAM since 1983.
I'm interested in commercial and military (radio) equipment.
As a matter of a fact, that is the only stuff I use.
The main rig at present is a Skanti (maritime) transceiver, 750 W PEP output.
Got a some Harris equipment such as RF-590 and a RF-382, waiting for a RF-110 amplifier to come home well it comes with an exciter, probably a RF-1310, but I'm not sure.
Unfortunately, I do not have the Power Supply, needless to say (?) I would love to find a PS!
Any chance that there is one out there for me? Please let me know were to search!

Other than radio, I've got some big engines in my collection.
A Russian V12 diesel engine for a torpedo boat!
62.4 liter displacement and it develops 1200 bhp at some 1850 rpm, built in 1959.
Then there is a 27 liter Meteor V12 petrol engine from a Centurion main battle tank, 650 bhp.
Two Rolls Royce inline eight petrol engines, 5.6 liter and 169 bhp.
Plus a few other things...

Check out my qrz.com page to see some photos!

Cheers!
/Morgan, SM6OID

1952. RF-382A controller project

Yahoo group: harris-radio
Date: 2014-08-25 19:24:28 UTC
From: Paul Katz
Topic: 1952 Message: 1952

PCBs and parts will be ordered this Thursday. Please check again the list below to make sure the quantity of PCBs and parts kits you want are correct. If correct no need to email me back. Will order 46 PCBs which makes the total cost for each controller under $25. Shipping is extra of course. I have not heard from three of you whether you want a parts kit or not. Also if you are on this list and do not want a PCB or parts kit anymore, please let me know. There is still time for anyone else who may want a controller for their CU-2397G, RF-382 or RF-382A to get on the list. After this PCB order you will have to get the PCB and parts on your own. I will continue to send documentation and PCB layouts (both double sided and single sided PCB layouts) to anyone who wants it, but I'm out of the Leggo kit business after this run is done.

73, Paul W5NTQ

Call Sign or Name

Quantity

package

Kit will supply both types of connectors

W4JLE

3

WAA4VAG, Joe Munson

1

kit

Mike prcradio

2

KK7IF

3

KD2OM

2

kit

Straight/90

VE7OI

2

kit

straight

WD8INC

2

kit

90

W5NTQ

4

kit

straight

W2HX

3

Kit

straight

KM4V

3

Kit

Sid L

1

kit

straight

PA3ECT

3

kit

straight

KW1I

2

kit

straight

K6HS, Harry

2

kit

straight

KI6KYK

4

kit

90

N2LWY, Dave

2

kit

KB2VTL, Peter Gottlieb

2

kit

Kc2rnn, Pat

2

kit

dfemer@...

2

kit

TOTAL

45

Parts list & prices

Qty

Part

Unit Price

Subtotal

1

Controller PCB

About $9.40 each for 46 order

9.40

1

390 ohm ? watt

.10

.10

1

1k ohm ? watt

.10

.10

2

2.2k ohm ? watt

.10

.20

1

3.3k ohm ? watt

.10

.10

6

10k ohm ? watt

.10

.60

2

100k ohm ? watt

.10

.20

2

1M ohm ? watt

.10

.20

5

0.1 mf ceramic 0.1" radial

.32

1.60

2

0.47 mf ceramic 0.1" radial

.70

1.40

1

0.68 mf ceramic 0.1" radial

.56

.56

1

2.2 mf tantalum 0.1" radial

.76

.76

1

10 mf tantalum 0.1" radial

1.85

1.85

4

39 microhy choke axial

.29

1.16

6

1N4148 diode

.10

.60

1

2N5061 SCR

.61

.61

1

L78L09 Volt. Reg.

.50

.50

1

4N35

.36

.36

1

LM339N

.47

.47

1

Molex KK conn. straight

.99

.99

1

Molex KK conn. 90

1.35

1.35

1

Molex plug (5 pin)

.24

.24

6

Molex plug pins

.20

1.20

Prorata shipping

.30 (37 kits requested)

.30

Total for PCB & parts,
shipping extra

$24.85

1953. Re: [harris-radio] RF-382A controller project

Yahoo group: harris-radio
Date: 2014-08-25 19:28:34 UTC
From: Alex J Rokowetz
Topic: 1952 Message: 1953

Paul,

Would you kindly add me to the list, quantity 1.

Thank you,

Alex
K2AJR

From: "Paul Katz paulnkatz@gmail.com [harris-radio]" <harris-radio@yahoogroups.com>
To: Harris Radio Group <harris-radio@yahoogroups.com>
Cc: Dr Fred Hambrecht <w4jle@...>; Hans Verkaik <hans@...>
Sent: Monday, August 25, 2014 3:24 PM
Subject: [harris-radio] RF-382A controller project

PCBs and parts will be ordered this Thursday. Please check again the list below to make sure the quantity of PCBs and parts kits you want are correct. If correct no need to email me back. Will order 46 PCBs which makes the total cost for each controller under $25. Shipping is extra of course. I have not heard from three of you whether you want a parts kit or not. Also if you are on this list and do not want a PCB or parts kit anymore, please let me know. There is still time for anyone else who may want a controller for their CU-2397G, RF-382 or RF-382A to get on the list. After this PCB order you will have to get the PCB and parts on your own. I will continue to send documentation and PCB layouts (both double sided and single sided PCB layouts) to anyone who wants it, but I'm out of the Leggo kit business after this run is done.

73, Paul W5NTQ

Call Sign or Name Quantity package Kit will supply both types of connectors
W4JLE 3
WAA4VAG, Joe Munson 1 kit
Mike prcradio 2
KK7IF 3
KD2OM 2 kit Straight/90
VE7OI 2 kit straight
WD8INC 2 kit 90
W5NTQ 4 kit straight
W2HX 3 Kit straight
KM4V 3 Kit
Sid L 1 kit straight
PA3ECT 3 kit straight
KW1I 2 kit straight
K6HS, Harry 2 kit straight
KI6KYK 4 kit 90
N2LWY, Dave 2 kit
KB2VTL, Peter Gottlieb 2 kit

Kc2rnn, Pat 2 kit
dfemer@... 2 kit
TOTAL 45

Parts list & prices
Qty Part Unit Price Subtotal
1 Controller PCB About $9.40 each for 46 order 9.40
1 390 ohm ¼ watt .10 .10
1 1k ohm ¼ watt .10 .10
2 2.2k ohm ¼ watt .10 .20
1 3.3k ohm ¼ watt .10 .10
6 10k ohm ¼ watt .10 .60
2 100k ohm ¼ watt .10 .20
2 1M ohm ¼ watt .10 .20
5 0.1 mf ceramic 0.1” radial .32 1.60
2 0.47 mf ceramic 0.1” radial .70 1.40
1 0.68 mf ceramic 0.1” radial .56 .56
1 2.2 mf tantalum 0.1” radial .76 .76
1 10 mf tantalum 0.1” radial 1.85 1.85
4 39 microhy choke axial .29 1.16
6 1N4148 diode .10 .60
1 2N5061 SCR .61 .61
1 L78L09 Volt. Reg. .50 .50
1 4N35 .36 .36
1 LM339N .47 .47
1 Molex KK conn. straight .99 .99
1 Molex KK conn. 90 1.35 1.35
1 Molex plug (5 pin) .24 .24
6 Molex plug pins .20 1.20
Prorata shipping .30 (37 kits requested) .30
Total for PCB & parts,
shipping extra $24.85

1954. Re: [harris-radio] RF-382A controller project

Yahoo group: harris-radio
Date: 2014-08-25 19:33:46 UTC
From: Philippe F1ETA
Topic: 1952 Message: 1954

Hello Paul,

Would you kindly add me to the list, quantity 1.

Thank you and best regards.

Philippe F1ETA

De : "Paul Katz paulnkatz@... [harris-radio]" <harris-radio@yahoogroups.com>
À : Harris Radio Group <harris-radio@yahoogroups.com>
Cc : Dr Fred Hambrecht <w4jle@w4jle.com>; Hans Verkaik <hans@...>
Envoyé le : Lundi 25 août 2014 21h24
Objet : [harris-radio] RF-382A controller project

PCBs and parts will be ordered this Thursday. Please check again the list below to make sure the quantity of PCBs and parts kits you want are correct. If correct no need to email me back. Will order 46 PCBs which makes the total cost for each controller under $25. Shipping is extra of course. I have not heard from three of you whether you want a parts kit or not. Also if you are on this list and do not want a PCB or parts kit anymore, please let me know. There is still time for anyone else who may want a controller for their CU-2397G, RF-382 or RF-382A to get on the list. After this PCB order you will have to get the PCB and parts on your own. I will continue to send documentation and PCB layouts (both double sided and single sided PCB layouts) to anyone who wants it, but I'm out of the Leggo kit business after this run is done.

73, Paul W5NTQ

Call Sign or Name Quantity package Kit will supply both types of connectors
W4JLE 3
WAA4VAG, Joe Munson 1 kit
Mike prcradio 2
KK7IF 3
KD2OM 2 kit Straight/90
VE7OI 2 kit straight
WD8INC 2 kit 90
W5NTQ 4 kit straight
W2HX 3 Kit straight
KM4V 3 Kit
Sid L 1 kit straight
PA3ECT 3 kit straight
KW1I 2 kit straight
K6HS, Harry 2 kit straight
KI6KYK 4 kit 90
N2LWY, Dave 2 kit
KB2VTL, Peter Gottlieb 2 kit
Kc2rnn, Pat 2 kit
dfemer@... 2 kit

TOTAL 45

Parts list & prices
Qty Part Unit Price Subtotal
1 Controller PCB About $9.40 each for 46 order 9.40
1 390 ohm ¼ watt .10 .10
1 1k ohm ¼ watt .10 .10
2 2.2k ohm ¼ watt .10 .20
1 3.3k ohm ¼ watt .10 .10
6 10k ohm ¼ watt .10 .60
2 100k ohm ¼ watt .10 .20
2 1M ohm ¼ watt .10 .20
5 0.1 mf ceramic 0.1” radial .32 1.60
2 0.47 mf ceramic 0.1” radial .70 1.40
1 0.68 mf ceramic 0.1” radial .56 .56
1 2.2 mf tantalum 0.1” radial .76 .76
1 10 mf tantalum 0.1” radial 1.85 1.85
4 39 microhy choke axial .29 1.16
6 1N4148 diode .10 .60
1 2N5061 SCR .61 .61
1 L78L09 Volt. Reg. .50 .50
1 4N35 .36 .36
1 LM339N .47 .47
1 Molex KK conn. straight .99 .99
1 Molex KK conn. 90 1.35 1.35
1 Molex plug (5 pin) .24 .24
6 Molex plug pins .20 1.20
  Prorata shipping .30 (37 kits requested) .30
    Total for PCB & parts,
shipping extra $24.85

1955. Re: RF-382A controller project

Yahoo group: harris-radio
Date: 2014-08-25 21:56:50 UTC
From: prcradio@...
Topic: 1952 Message: 1955

Hi Paul,I'm down for just 2 circuit boards, can you make that to 2 complete kits?
Thanks,
Mike

1956. Re: RF-382A controller project

Yahoo group: harris-radio
Date: 2014-08-25 22:31:53 UTC
From: w4jle@...
Topic: 1952 Message: 1956

I want 3 complete kits. Let me know how much and when I need to pay you.
73
Fred W4JLE

1957. RF-382A controller

Yahoo group: harris-radio
Date: 2014-08-26 00:56:33 UTC
From: Paul Katz
Topic: 1957 Message: 1957

Soon you will have the pleasure of assembling the RF-382A controller PCB and parts. In the parts is a Molex KK connect that uses crimp contacts that slide into the connector shell. These contacts (included in kit of parts) have to be crimped for best reliability. The recommended tool to crimp these contacts is a Platinum Tools 16801C Open Barrel Contact Crimp Tool Clamshell which does both electrical and strain relief crimping at the same time. Tool is about $22 dollars and is readily available. A YouTube video on how to crimp these contacts is at https://www.youtube.com/watch?v=JVB9rpeDZgc . Wire size for these crimp contacts is #22 or #24 AWG, use nothing smaller or larger when buying the cable to the RF-382A control connector. Light duty rotor cable with 6-#22 and 2 #18 conductors would work well. Can use the extra wires (3) for additional +DC and DC ground wires.

The semiconductor devices and polarized tantalum capacitors have a specific orientation and can be put in backwards. You have a 50/50 chance of getting right, but why take a chance? Look at data sheets for the SCR and Volt. Reg., and the indentation on the IC package. If anyone needs a data sheet picture showing the correct orientation of any of the semiconductor devices, just email me.

The prototype PCB went together and worked first time when powered up. I hope the production PCBs do the same. Will build one before shipping any out. You are not getting a Heathkit type assembly manual and some head scratching on your part may be required.

Trouble shooting can be done with simple voltage measurements. Just make sure that your RF-382A jumpers and switches are configured for an RF-350K (J3 jumpered and all switches off) so that you get a DC voltage (FWD PWR) representing the power into the coupler.

Putting these parts kits together is really fun, like picking fly s**t out of pepper.

73,
Paul, W5NTQ

1958. Control connector for Harris antenna couplers

Yahoo group: harris-radio
Date: 2014-08-26 03:47:56 UTC
From: Paul Katz
Topic: 1958 Message: 1958

If anyone needs an Harris spec. Amphonel MS control connector for their coupler see:
http://www.ebay.com/itm/261467022916?ssPageName=STRK:MEWAX:IT&_trksid=p3984.m1423.l2649

W5NTQ

1959. swap

Yahoo group: harris-radio
Date: 2014-08-26 04:51:18 UTC
From: w4jle@...
Topic: 1959 Message: 1959

I have just completed a Harris 5022 R/T, 125 Watt amp (actually puts out 154 watts), RF-392 Tuner, shock mount and all cables. I put in on the air and it works great. First contact using a whip was from SC to NM on 20 meters with great reports. New batteries on the A6 card and in the front panel. Good for another 5 years.I do broadcasts on MARS and am looking for a Pacer Bounce system or would consider trading for a full legal limit amp. contact me off line w4jle at w4jle dot com.

1960. RE: [harris-radio] swap

Yahoo group: harris-radio
Date: 2014-08-26 04:56:21 UTC
From: Richard Johnson
Topic: 1959 Message: 1960

Why would you want a Pacer Bounce system, they don't do ALE where you 5022 can if you have the card. Is it just lots of power you want? I wonder if there are any pacer bounce URC-119 systems out there in civilian hands? The Air Force still uses them.
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Mon, 25 Aug 2014 21:51:18 -0700
Subject: [harris-radio] swap

I have just completed a Harris 5022 R/T, 125 Watt amp (actually puts out 154 watts), RF-392 Tuner, shock mount and all cables. I put in on the air and it works great. First contact using a whip was from SC to NM on 20 meters with great reports. New batteries on the A6 card and in the front panel. Good for another 5 years.I do broadcasts on MARS and am looking for a Pacer Bounce system or would consider trading for a full legal limit amp. contact me off line w4jle at w4jle dot com.

1961. Re: [harris-radio] swap

Yahoo group: harris-radio
Date: 2014-08-26 04:59:21 UTC
From: Peter Gottlieb
Topic: 1959 Message: 1961

Isn't the Pacer Bounce the RF-350K system?

I have a complete system with 500 Watt amp and fast tuner. The 5022 is really nice but I can fix the 350K.

Peter

On 8/26/2014 12:56 AM, Richard Johnson killroy321@... [harris-radio] wrote:
>
> Why would you want a Pacer Bounce system, they don't do ALE where you 5022 can
> if you have the card. Is it just lots of power you want? I wonder if there
> are any pacer bounce URC-119 systems out there in civilian hands? The Air
> Force still uses them.
> Rich Johnson
> KI6EZA
>
> www.RichardSJohnson.net <http://www.richardsjohnson.net/>
>
> "Those who enjoy freedom must endeavor to preserve it."
>
>
> "No free man shall ever be debarred the use of arms?"
> Thomas Jefferson
>
>
>
> ---
> To: harris-radio@yahoogroups.com
> From: harris-radio@yahoogroups.com
> Date: Mon, 25 Aug 2014 21:51:18 -0700
> Subject: [harris-radio] swap
>
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> watts), RF-392 Tuner, shock mount and all cables. I put in on the air and it
> works great. First contact using a whip was from SC to NM on 20 meters with
> great reports. New batteries on the A6 card and in the front panel. Good for
> another 5 years.I do broadcasts on MARS and am looking for a Pacer Bounce
> system or would consider trading for a full legal limit amp.
> contact me off line w4jle at w4jle dot com.
>
>
>
>

1962. Re: [harris-radio] swap

Yahoo group: harris-radio
Date: 2014-08-26 10:30:45 UTC
From: Stuart
Topic: 1959 Message: 1962

amen to that. My system took a lightning strike a few years ago. I replaced
a bunch of IC's but
its back working - No surface mount parts!!!! only descrete IC's and
transistors.

73

Stuart

-----Original Message-----
From: Peter Gottlieb hpnpilot@... [harris-radio]
Sent: Monday, August 25, 2014 11:59 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] swap

Isn't the Pacer Bounce the RF-350K system?

I have a complete system with 500 Watt amp and fast tuner. The 5022 is
really
nice but I can fix the 350K.

Peter

On 8/26/2014 12:56 AM, Richard Johnson killroy321@... [harris-radio]
wrote:
>
> Why would you want a Pacer Bounce system, they don't do ALE where you 5022
> can
> if you have the card. Is it just lots of power you want? I wonder if
> there
> are any pacer bounce URC-119 systems out there in civilian hands? The Air
> Force still uses them.
> Rich Johnson
> KI6EZA
>
> www.RichardSJohnson.net <http://www.richardsjohnson.net/>
>
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> "No free man shall ever be debarred the use of arms?"
> Thomas Jefferson
>
>
>
> ---
> To: harris-radio@yahoogroups.com

> From: harris-radio@yahoogroups.com
> Date: Mon, 25 Aug 2014 21:51:18 -0700
> Subject: [harris-radio] swap
>
> I have just completed a Harris 5022 R/T, 125 Watt amp (actually puts out
> 154
> watts), RF-392 Tuner, shock mount and all cables. I put in on the air and
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> with
> great reports. New batteries on the A6 card and in the front panel. Good
> for
> another 5 years.I do broadcasts on MARS and am looking for a Pacer Bounce
> system or would consider trading for a full legal limit amp.
> contact me off line w4jle at w4jle dot com.
>
>
>
>

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Does your IP change every day or even every hour? and you need a way to get
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www.2mypc.net

Yahoo Groups Links

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http://www.avast.com

1963. RE: [harris-radio] swap

Yahoo group: harris-radio
Date: 2014-08-26 16:28:54 UTC
From: W2HX
Topic: 1959 Message: 1963

Well, with an RF-7210A (which I have) I believe the pacer bounce system can do ALE. I haven't tried.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, August 26, 2014 12:56 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] swap

Why would you want a Pacer Bounce system, they don't do ALE where you 5022 can if you have the card. Is it just lots of power you want? I wonder if there are any pacer bounce URC-119 systems out there in civilian hands? The Air Force still uses them.
Rich Johnson
KI6EZA

www.RichardSJohnson.net<http://www.richardsjohnson.net/>

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To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Date: Mon, 25 Aug 2014 21:51:18 -0700
Subject: [harris-radio] swap

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1964. Re: [harris-radio] swap

Yahoo group: harris-radio
Date: 2014-08-26 18:24:34 UTC
From: Joseph
Topic: 1959 Message: 1964

Rich,

I have and use a URC-119 (along with a TW7000/TW500) at my MARS station. Its a great radio. The 500W power is very helpful on many occasions, particularly on region nets.

Have a RF-5022 and amp too. ALE cards for it are hard to come by, So are the 400W amps for it. Itsa great set, as well.

On 8/26/2014 12:56 AM, Richard Johnson killroy321@...
[harris-radio] wrote:
>
>
> Why would you want a Pacer Bounce system, they don't do ALE where you
> 5022 can if you have the card. Is it just lots of power you want? I
> wonder if there are any pacer bounce URC-119 systems out there in
> civilian hands? The Air Force still uses them.
> Rich Johnson
> KI6EZA

Joseph Pinner +
KC5IJD / NNN0PHR

1965. RF-382A controller project

Yahoo group: harris-radio
Date: 2014-08-26 18:42:18 UTC
From: John Bowers
Topic: 1952 Message: 1965

Paul

Please sign us up for one kit. Let us know how to pay you.

Thanks
John, K9UTK

[Non-text portions of this message have been removed]

1966. RE: [harris-radio] swap

Yahoo group: harris-radio
Date: 2014-08-27 02:22:57 UTC
From: steve@...
Topic: 1959 Message: 1966

Eugene is correct with an RF-7210/7210A the RF-350 does ALE. It will also work fine with MARS-ALE.

73
Steve KD2OM

1967. RE: [harris-radio] swap

Yahoo group: harris-radio
Date: 2014-08-27 03:12:49 UTC
From: N2CKH
Topic: 1959 Message: 1967

Hi Steve,

For those that do not have access to MARS-ALE, the PC-ALE tool also supports the RF-350 family for ALE as well. Which means both legacy FSK ALE and AQC-ALE.

The limitation however is no greater than 2 ch/sec scan rate is suitable due to the 8086 CPU running at its default clock rate. To run at 5 ch/sec the CPU crystal must be changed to 10Mhz as I recall, which requires the addition of fan cooling of the CPU. So it is best to just stick with 2 ch/sec operation which is pretty much SOP in most networks, to include the HAM bands.

/s/ Steve, N2CKH

At 10:22 PM 8/26/2014, you wrote:
>
>
>Eugene is correct with an RF-7210/7210A the RF-350 does ALE. It
>will also work fine with MARS-ALE.
>
>73
>Steve KD2OM

1968. RF-382A Controller PCB order

Yahoo group: harris-radio
Date: 2014-08-27 14:17:19 UTC
From: Paul Katz
Topic: 1968 Message: 1968

The printed circuit boards will be ordered tomorrow morning, Thursday, Aug. 28, 2014. If you miss out on getting one or more of these "Collector Edition" PCBs, Far Circuits http://farcircuits.net/ will have a single sided version available for individual purchase. Same circuit but the PCB is a little larger and would not easily fit on the Interface PWB above the ribbon connector. Ask Fred for the PCB with the voltage regulator and Molex connector (first one ordered may require a $10 artwork setup charge). Right now Far Circuits has the older version prototype PCB on its website (it works too, just does not have connector and volt. reg.). Please review the PCB ordering list below to make sure you are on it if you wanted one or more of these PCBs. If you are on the list and don't want a PCB(s) please let me know also.

I will accept addition PCB order requests up to 9 am Houston time tomorrow.

73,
Paul, W5NTQ

Call Sign and/or Name

PCB Qty

Parts Kit Qty

Kit will supply both types of connectors

Fred W4JLE

3

3

WA4VAG, Joe Munson

1

1

Mike prcradio@...

2

2

KD2OM

2

2

straight/90

VE7OI

2

2

straight

WD8INC

2

2

90

W5NTQ

4

4

straight

W2HX

3

3

straight

KM4V, Steve

3

3

Sid L

1

1

straight

PA3ECT

3

3

straight

KW1I

2

2

straight

K6HS, Harry

2

2

straight

KI6KYK

4

4

90

N2LWY, Dave

2

2

KB2VTL, Peter Gottlieb

2

2

KC2RNN, Pat

2

2

dfemer@...

2

2

K2AJR belarok@...

1

1

F1ETA, Philippe

1

1

KC4JJ, Bob

2

2

Dick Hasselman

1

1

Glen T.

2

0

K9UTK, John

1

1

KA1TW, Trevor

2

2

TOTAL

52

50

1969. Re: RF-382A Controller PCB order

Yahoo group: harris-radio
Date: 2014-08-27 20:26:17 UTC
From: ad7jp@...
Topic: 1968 Message: 1969

Paul,

Please sign me up for 3 Kits.
Many Thanks for your efforts.

73
Geoff Bunza / AD7JP

1970. Re: [harris-radio] RF-382A Controller PCB order

Yahoo group: harris-radio
Date: 2014-08-27 22:25:56 UTC
From: Marcus Julian
Topic: 1968 Message: 1970

Paul,

please sign me up for one kit.

Thank you,

Marcus
KI6SYM

On Wed, Aug 27, 2014 at 7:17 AM, Paul Katz paulnkatz@...
[harris-radio] <harris-radio@yahoogroups.com> wrote:

>
>
> The printed circuit boards will be ordered tomorrow morning, Thursday,
> Aug. 28, 2014. If you miss out on getting one or more of these "Collector
> Edition" PCBs, Far Circuits http://farcircuits.net/ will have a single
> sided version available for individual purchase. Same circuit but the PCB
> is a little larger and would not easily fit on the Interface PWB above the
> ribbon connector. Ask Fred for the PCB with the voltage regulator and
> Molex connector (first one ordered may require a $10 artwork setup
> charge). Right now Far Circuits has the older version prototype PCB on its
> website (it works too, just does not have connector and volt. reg.).
> Please review the PCB ordering list below to make sure you are on it if you
> wanted one or more of these PCBs. If you are on the list and don't want a
> PCB(s) please let me know also.
>
> I will accept addition PCB order requests up to 9 am Houston time tomorrow.
>
> 73,
> Paul, W5NTQ
>
>
>
> Call Sign and/or Name
>
> PCB Qty
>
> Parts Kit Qty
>
> Kit will supply both types of connectors
>
> Fred W4JLE
>
> 3
>

> 3
>
>
>
> WA4VAG, Joe Munson
>
> 1
>
> 1
>
>
>
> Mike prcradio@yahoo.com
>
> 2
>
> 2
>
>
>
> KD2OM
>
> 2
>
> 2
>
> straight/90
>
> VE7OI
>
> 2
>
> 2
>
> straight
>
> WD8INC
>
> 2
>
> 2
>
> 90
>
> W5NTQ
>
> 4
>
> 4
>

> straight
>
> W2HX
>
> 3
>
> 3
>
> straight
>
> KM4V, Steve
>
> 3
>
> 3
>
>
>
> Sid L
>
> 1
>
> 1
>
> straight
>
> PA3ECT
>
> 3
>
> 3
>
> straight
>
> KW1I
>
> 2
>
> 2
>
> straight
>
> K6HS, Harry
>
> 2
>
> 2
>
> straight
>

> KI6KYK
>
> 4
>
> 4
>
> 90
>
> N2LWY, Dave
>
> 2
>
> 2
>
>
>
> KB2VTL, Peter Gottlieb
>
> 2
>
> 2
>
>
>
> KC2RNN, Pat
>
> 2
>
> 2
>
>
>
> dfemer@...
>
> 2
>
> 2
>
>
>
> K2AJR belarok@...
>
> 1
>
> 1
>
>
>
> F1ETA, Philippe
>

> 1
>
> 1
>
>
>
> KC4JJ, Bob
>
> 2
>
> 2
>
>
>
> Dick Hasselman
>
> 1
>
> 1
>
>
>
> Glen T.
>
> 2
>
> 0
>
>
>
> K9UTK, John
>
> 1
>
> 1
>
>
>
> KA1TW, Trevor
>
> 2
>
> 2
>
>
>
> TOTAL
>
> 52
>

> 50
>
>
>
>
>
>
>

1971. RF-382A controller PCB ordering

Yahoo group: harris-radio
Date: 2014-08-28 04:31:12 UTC
From: Paul Katz
Topic: 1971 Message: 1971

Tomorrow I order the PCBs. However, I have to make a choice for the PCB plating of either Lead Free - RoHs compliant plating or tin/lead legacy plating. Anyone have some expertise on PCB plating and suggestion on which plating method I should specify? Cost is the same.

73,
Paul, W5NTQ

1972. Re: [harris-radio] RF-382A controller PCB ordering

Yahoo group: harris-radio
Date: 2014-08-28 04:56:57 UTC
From: Peter Gottlieb
Topic: 1971 Message: 1972

I can do either but prefer lead free at this point.

Peter

P.S., Please let us know how to send you funds.

On 8/28/2014 12:31 AM, Paul Katz paulnkatz@... [harris-radio] wrote:
>
> Tomorrow I order the PCBs. However, I have to make a choice for the PCB
> plating of either Lead Free - RoHs compliant plating or tin/lead legacy
> plating. Anyone have some expertise on PCB plating and suggestion on
> which plating method I should specify? Cost is the same.
>
> 73,
> Paul, W5NTQ
>
>

1973. RE: [harris-radio] RF-382A controller PCB ordering

Yahoo group: harris-radio
Date: 2014-08-28 05:47:53 UTC
From: dfemer
Topic: 1971 Message: 1973

I'd prefer the legacy the lead free has had problems.
Dud

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, August 27, 2014 9:31 PM
To: Harris Radio Group
Subject: [harris-radio] RF-382A controller PCB ordering

Tomorrow I order the PCBs. However, I have to make a choice for the PCB plating of either Lead Free - RoHs compliant plating or tin/lead legacy plating. Anyone have some expertise on PCB plating and suggestion on which plating method I should specify? Cost is the same.

73,
Paul, W5NTQ

Posted by: Paul Katz <paulnkatz@...>

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.net

Yahoo Groups Links

1974. Re: [harris-radio] RF-382A controller PCB ordering

Yahoo group: harris-radio
Date: 2014-08-28 06:42:24 UTC
From: Tony
Topic: 1971 Message: 1974

On 08/27/2014 10:47 PM, 'dfemer' dfemer@... [harris-radio] wrote:

I'd prefer the legacy the lead free has had problems.

Dud

Very specifically please, what "problems" does lead-content solve? Historically, before its toxicity was discovered, lead was simply a solder component introduced to lower the melting point. In no way does it contribute to any conductivity.

1975. PRC138

Yahoo group: harris-radio
Date: 2014-08-28 12:55:21 UTC
From: communication_site@...
Topic: 1975 Message: 1975

Hi,
Recently I acquired RT-1694(P)/ PRC-138 repair required condition one.
Power up and display of initialization that is seem good, and in 1-2 seconds after Display show " SYSTEM BUSY... RESELECT MODE " and not accept the input of keypad.
But even in such a situation, transmit and receive on default freq/ mode (1.600MHz USB mode) is possible to operation.
All board and modules are equipped except A2 board. (A2 board has been removed, however)
Please someone help me for this problem.
Also I'm looking for service manuals, schematics.

Thanks.
Hiro

1976. RE: [harris-radio] RF-382A controller PCB ordering

Yahoo group: harris-radio
Date: 2014-08-28 12:56:32 UTC
From: Scott Johnson
Topic: 1971 Message: 1976

No dog in the fight here, but I would recommend you stick with tin-lead given the supplies and tools the average amateur possesses. Much easier to rework as well as being much more reliable as to wetting.

Scott W7SVJ

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, August 27, 2014 10:48 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RF-382A controller PCB ordering

I'd prefer the legacy the lead free has had problems.
Dud

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, August 27, 2014 9:31 PM
To: Harris Radio Group
Subject: [harris-radio] RF-382A controller PCB ordering

Tomorrow I order the PCBs. However, I have to make a choice for the PCB plating of either Lead Free - RoHs compliant plating or tin/lead legacy plating. Anyone have some expertise on PCB plating and suggestion on which plating method I should specify? Cost is the same.

73,
Paul, W5NTQ

Posted by: Paul Katz <paulnkatz@...>

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Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.net

Yahoo Groups Links

1977. Re: [harris-radio] RF-382A controller PCB ordering

Yahoo group: harris-radio
Date: 2014-08-28 13:49:25 UTC
From: Doug Smith
Topic: 1971 Message: 1977

Tin Whiskers?

http://nepp.nasa.gov/Whisker/background/index.htm

73,
Doug, W7KF
http://www.w7kf.com

On Aug 28, 2014, at 12:42 AM, Tony ynotssor@yahoo.com [harris-radio]
<harris-radio@yahoogroups.com> wrote:
> Very specifically please, what "problems" does lead-content solve? Historically, before its toxicity was discovered, lead was simply a solder component introduced to lower the melting point. In no way does it contribute to any conductivity.
>

1978. Re: New berömmer; Morgan SM6OID

Yahoo group: harris-radio
Date: 2014-08-28 10:07:48 UTC
From: Stuartjmckinnon@...
Topic: 1951 Message: 1978

Morgan

Welcome to the group

Impressive pic's on the QRZ page, particualy like to Tank engines, BTW are you anything to do with VOLVO, my only connection to Sweden is I drove the best band from sweden Abba for 5 days in London in the early 80's, that was great!

I also have a derivative of your skanti 750 watt radio, my example is badged Marconi, and it is the Oceanlink Tcvr, sadly although all boxs are there, the rig is 3 phase 415v, designed for ship work, can anyone help with that !!

Cheers

Stuart
G0TBI

1979. Re: [harris-radio] RF-382A controller project

Yahoo group: harris-radio
Date: 2014-08-28 08:07:26 UTC
From: Stuart Mckinnon
Topic: 1952 Message: 1979

Paul

I am sorry to have missed the boat on this one is it too late?

Stuart
G0TBI

-----Original Message-----
From: Paul Katz paulnkatz@... [harris-radio] <harris-radio@yahoogroups.com>
To: Harris Radio Group <harris-radio@yahoogroups.com>
CC: Dr Fred Hambrecht <w4jle@...>; Hans Verkaik <hans@...>
Sent: Mon, 25 Aug 2014 20:25
Subject: [harris-radio] RF-382A controller project

PCBs and parts will be ordered this Thursday. Please check again the list below to make sure the quantity of PCBs and parts kits you want are correct. If correct no need to email me back. Will order 46 PCBs which makes the total cost for each controller under $25. Shipping is extra of course. I have not heard from three of you whether you want a parts kit or not. Also if you are on this list and do not want a PCB or parts kit anymore, please let me know. There is still time for anyone else who may want a controller for their CU-2397G, RF-382 or RF-382A to get on the list. After this PCB order you will have to get the PCB and parts on your own. I will continue to send documentation and PCB layouts (both double sided and single sided PCB layouts) to anyone who wants it, but I'm out of the Leggo kit business after this run is done.

73, Paul W5NTQ

Call Sign or Name

Quantity

package

Kit will supply both types of connectors

W4JLE

3

WAA4VAG, Joe Munson

1

kit

Mike prcradio

2

KK7IF

3

KD2OM

2

kit

Straight/90

VE7OI

2

kit

straight

WD8INC

2

kit

90

W5NTQ

4

kit

straight

W2HX

3

Kit

straight

KM4V

3

Kit

Sid L

1

kit

straight

PA3ECT

3

kit

straight

KW1I

2

kit

straight

K6HS, Harry

2

kit

straight

KI6KYK

4

kit

90

N2LWY, Dave

2

kit

KB2VTL, Peter Gottlieb

2

kit

Kc2rnn, Pat

2

kit

dfemer@...

2

kit

TOTAL

45

Parts list & prices

Qty

Part

Unit Price

Subtotal

1

Controller PCB

About $9.40 each for 46 order

9.40

1

390 ohm ¼ watt

.10

.10

1

1k ohm ¼ watt

.10

.10

2

2.2k ohm ¼ watt

.10

.20

1

3.3k ohm ¼ watt

.10

.10

6

10k ohm ¼ watt

.10

.60

2

100k ohm ¼ watt

.10

.20

2

1M ohm ¼ watt

.10

.20

5

0.1 mf ceramic 0.1” radial

.32

1.60

2

0.47 mf ceramic 0.1” radial

.70

1.40

1

0.68 mf ceramic 0.1” radial

.56

.56

1

2.2 mf tantalum 0.1” radial

.76

.76

1

10 mf tantalum 0.1” radial

1.85

1.85

4

39 microhy choke axial

.29

1.16

6

1N4148 diode

.10

.60

1

2N5061 SCR

.61

.61

1

L78L09 Volt. Reg.

.50

.50

1

4N35

.36

.36

1

LM339N

.47

.47

1

Molex KK conn. straight

.99

.99

1

Molex KK conn. 90

1.35

1.35

1

Molex plug (5 pin)

.24

.24

6

Molex plug pins

.20

1.20

Prorata shipping

.30 (37 kits requested)

.30

Total for PCB & parts,
shipping extra

$24.85

1980. Re: [harris-radio] RF-382A controller project

Yahoo group: harris-radio
Date: 2014-08-28 13:56:28 UTC
From: Paul Katz
Topic: 1952 Message: 1980

Stuart G0TBI

I was going to order in a few minutes. How many PCBs and parts kits do you want and what is your direct email?

On 8/28/2014 3:07 AM, Stuart Mckinnon Stuartjmckinnon@... [harris-radio] wrote:
>
> Paul
> I am sorry to have missed the boat on this one is it too late?
> Stuart
> G0TBI
> -----Original Message-----
> From: Paul Katz paulnkatz@... [harris-radio]
> <harris-radio@yahoogroups.com>
> To: Harris Radio Group <harris-radio@yahoogroups.com>
> CC: Dr Fred Hambrecht <w4jle@...>; Hans Verkaik <hans@...>
> Sent: Mon, 25 Aug 2014 20:25
> Subject: [harris-radio] RF-382A controller project
>
> PCBs and parts will be ordered this Thursday. Please check again the
> list below to make sure the quantity of PCBs and parts kits you want
> are correct. If correct no need to email me back. Will order 46 PCBs
> which makes the total cost for each controller under $25. Shipping is
> extra of course. I have not heard from three of you whether you want
> a parts kit or not. Also if you are on this list and do not want a
> PCB or parts kit anymore, please let me know. There is still time for
> anyone else who may want a controller for their CU-2397G, RF-382 or
> RF-382A to get on the list. After this PCB order you will have to get
> the PCB and parts on your own. I will continue to send documentation
> and PCB layouts (both double sided and single sided PCB layouts) to
> anyone who wants it, but I'm out of the Leggo kit business after this
> run is done.
>
> 73, Paul W5NTQ
>
> Call Sign or Name
>
> Quantity
>
> package
>
> Kit will supply both types of connectors
> W4JLE
>

> 3
>
>
> WAA4VAG, Joe Munson
>
> 1
>
> kit
>
> Mike prcradio
>
> 2
>
>
> KK7IF
>
> 3
>
>
> KD2OM
>
> 2
>
> kit
>
> Straight/90
> VE7OI
>
> 2
>
> kit
>
> straight
> WD8INC
>
> 2
>
> kit
>
> 90
> W5NTQ
>
> 4
>
> kit
>
> straight
> W2HX
>
> 3

>
> Kit
>
> straight
> KM4V
>
> 3
>
> Kit
>
> Sid L
>
> 1
>
> kit
>
> straight
> PA3ECT
>
> 3
>
> kit
>
> straight
> KW1I
>
> 2
>
> kit
>
> straight
> K6HS, Harry
>
> 2
>
> kit
>
> straight
> KI6KYK
>
> 4
>
> kit
>
> 90
> N2LWY, Dave
>
> 2
>
> kit

>
> KB2VTL, Peter Gottlieb
>
> 2
>
> kit
>
> Kc2rnn, Pat
>
> 2
>
> kit
>
> dfemer@...
>
> 2
>
> kit
>
> TOTAL
>
> 45
>
>
>
> Parts list & prices
> Qty
>
> Part
>
> Unit Price
>
> Subtotal
> 1
>
> Controller PCB
>
> About $9.40 each for 46 order
>
> 9.40
> 1
>
> 390 ohm ¼ watt
>
> .10
>
> .10
> 1
>
> 1k ohm ¼ watt

>
> .10
>
> .10
> 2
>
> 2.2k ohm ¼ watt
>
> .10
>
> .20
> 1
>
> 3.3k ohm ¼ watt
>
> .10
>
> .10
> 6
>
> 10k ohm ¼ watt
>
> .10
>
> .60
> 2
>
> 100k ohm ¼ watt
>
> .10
>
> .20
> 2
>
> 1M ohm ¼ watt
>
> .10
>
> .20
> 5
>
> 0.1 mf ceramic 0.1” radial
>
> .32
>
> 1.60
> 2
>
> 0.47 mf ceramic 0.1” radial
>

> .70
>
> 1.40
> 1
>
> 0.68 mf ceramic 0.1” radial
>
> .56
>
> .56
> 1
>
> 2.2 mf tantalum 0.1” radial
>
> .76
>
> .76
> 1
>
> 10 mf tantalum 0.1” radial
>
> 1.85
>
> 1.85
> 4
>
> 39 microhy choke axial
>
> .29
>
> 1.16
> 6
>
> 1N4148 diode
>
> .10
>
> .60
> 1
>
> 2N5061 SCR
>
> .61
>
> .61
> 1
>
> L78L09 Volt. Reg.
>
> .50

>
> .50
> 1
>
> 4N35
>
> .36
>
> .36
> 1
>
> LM339N
>
> .47
>
> .47
> 1
>
> Molex KK conn. straight
>
> .99
>
> .99
> 1
>
> Molex KK conn. 90
>
> 1.35
>
> 1.35
> 1
>
> Molex plug (5 pin)
>
> .24
>
> .24
> 6
>
> Molex plug pins
>
> .20
>
> 1.20
>
> Prorata shipping
>
> .30 (37 kits requested)
>
> .30

>
>
> Total for PCB & parts,
> shipping extra
>
> $24.85
>
>
>

1981. Re: [harris-radio] RF-382A controller PCB ordering

Yahoo group: harris-radio
Date: 2014-08-28 16:06:37 UTC
From: Peter Gottlieb
Topic: 1971 Message: 1981

I have never had the slightest problem taking a RoHS board and using tin-lead solder for assembly or rework. Bear in mind that almost all components you buy are RoHS nowadays. I really don't see what all the fuss is about.

Peter

On 8/28/2014 8:56 AM, 'Scott Johnson' scottjohnson1@... [harris-radio] wrote:
>
> No dog in the fight here, but I would recommend you stick with tin-lead given
> the supplies and tools the average amateur possesses. Much easier to rework as
> well as being much more reliable as to wetting.
>
> Scott W7SVJ
>
> *From:*harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> *Sent:* Wednesday, August 27, 2014 10:48 PM
> *To:* harris-radio@yahoogroups.com
> *Subject:* RE: [harris-radio] RF-382A controller PCB ordering
>
> I'd prefer the legacy the lead free has had problems.
> Dud
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
> [mailto:harris-radio@yahoogroups.com]
> Sent: Wednesday, August 27, 2014 9:31 PM
> To: Harris Radio Group
> Subject: [harris-radio] RF-382A controller PCB ordering
>
> Tomorrow I order the PCBs. However, I have to make a choice for the PCB
> plating of either Lead Free - RoHs compliant plating or tin/lead legacy
> plating. Anyone have some expertise on PCB plating and suggestion on
> which plating method I should specify? Cost is the same.
>
> 73,
> Paul, W5NTQ
>
> ------------------------------------
> Posted by: Paul Katz <paulnkatz@... <mailto:paulnkatz@...>>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?

> Does your IP change every day or even every hour? and you need a way to get
> to you PC from outside your home or business?
>
> www.2mypc.net <http://www.2mypc.net>
> ----------
>
> Yahoo Groups Links
>
>

1982. RE: [harris-radio] PRC138

Yahoo group: harris-radio
Date: 2014-08-28 17:36:30 UTC
From: dfemer
Topic: 1975 Message: 1982

Can you get to the bite test? Try reseating the boards especially the A1 board

Dud

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, August 28, 2014 5:55 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] PRC138

Hi,

Recently I acquired RT-1694(P)/ PRC-138 repair required condition one.

Power up and display of initialization that is seem good, and in 1-2 seconds after Display show " SYSTEM BUSY... RESELECT MODE " and not accept the input of keypad.

But even in such a situation, transmit and receive on default freq/ mode (1.600MHz USB mode) is possible to operation.

All board and modules are equipped except A2 board. (A2 board has been removed, however)

Please someone help me for this problem.

Also I'm looking for service manuals, schematics.

Thanks.

Hiro

1983. RE: [harris-radio] RF-382A controller PCB ordering

Yahoo group: harris-radio
Date: 2014-08-28 18:04:13 UTC
From: dfemer
Topic: 1971 Message: 1983

My fuss is just push back from having the EU RoHS mandate lead removal based on a knee jerk environmental reaction without testing whether it was a good idea or not. It was not as the removal of the lead caused tin whiskers to form in the components which shorts things out and rather effectively limits their life. Great if you want to sell more repair parts bad if it's for a high reliability system (Space and defense, nuclear, medical).
So what's in the 777 you're flying in today?
Dud

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, August 28, 2014 9:07 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF-382A controller PCB ordering

I have never had the slightest problem taking a RoHS board and using tin-lead
solder for assembly or rework. Bear in mind that almost all components you buy
are RoHS nowadays. I really don't see what all the fuss is about.

Peter

On 8/28/2014 8:56 AM, 'Scott Johnson' scottjohnson1@... [harris-radio] wrote:
>
> No dog in the fight here, but I would recommend you stick with tin-lead given
> the supplies and tools the average amateur possesses. Much easier to rework as
> well as being much more reliable as to wetting.
>
> Scott W7SVJ
>
> *From:*harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> *Sent:* Wednesday, August 27, 2014 10:48 PM
> *To:* harris-radio@yahoogroups.com
> *Subject:* RE: [harris-radio] RF-382A controller PCB ordering
>
> I'd prefer the legacy the lead free has had problems.
> Dud
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
> [mailto:harris-radio@yahoogroups.com]
> Sent: Wednesday, August 27, 2014 9:31 PM

> To: Harris Radio Group
> Subject: [harris-radio] RF-382A controller PCB ordering
>
> Tomorrow I order the PCBs. However, I have to make a choice for the PCB
> plating of either Lead Free - RoHs compliant plating or tin/lead legacy
> plating. Anyone have some expertise on PCB plating and suggestion on
> which plating method I should specify? Cost is the same.
>
> 73,
> Paul, W5NTQ
>
> ---
> Posted by: Paul Katz <paulnkatz@... <mailto:paulnkatz@...>>
> ---
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to
get
> to you PC from outside your home or business?
>
> www.2mypc.net <http://www.2mypc.net>
> ---
>
> Yahoo Groups Links
>
>

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Are you with an ISP that gives you a dynamic IP?
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Does your IP change every day or even every hour? and you need a way to get
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www.2mypc.net

Yahoo Groups Links

1984. Re: [harris-radio] RF-382A controller PCB ordering

Yahoo group: harris-radio
Date: 2014-08-28 18:07:06 UTC
From: Peter Gottlieb
Topic: 1971 Message: 1984

Aerospace and more are exempt from the RoHS solder directive. However, it is getting more and more difficult to get leaded parts as manufacturers don't want to maintain those lines for the small volumes required.

There are techniques (PCB design, conformal coatings) which effectively mitigate the tin whisker problem.

Peter

On 8/28/2014 2:04 PM, 'dfemer' dfemer@... [harris-radio] wrote:
>
> My fuss is just push back from having the EU RoHS mandate lead removal based
> on a knee jerk environmental reaction without testing whether it was a good
> idea or not. It was not as the removal of the lead caused tin whiskers to
> form in the components which shorts things out and rather effectively limits
> their life. Great if you want to sell more repair parts bad if it's for a
> high reliability system (Space and defense, nuclear, medical).
> So what's in the 777 you're flying in today?
> Dud
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> Sent: Thursday, August 28, 2014 9:07 AM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] RF-382A controller PCB ordering
>
> I have never had the slightest problem taking a RoHS board and using
> tin-lead
> solder for assembly or rework. Bear in mind that almost all components you
> buy
> are RoHS nowadays. I really don't see what all the fuss is about.
>
> Peter
>
> On 8/28/2014 8:56 AM, 'Scott Johnson' scottjohnson1@... [harris-radio]
> wrote:
> >
> > No dog in the fight here, but I would recommend you stick with tin-lead
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> > the supplies and tools the average amateur possesses. Much easier to
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> > *Sent:* Wednesday, August 27, 2014 10:48 PM
> > *To:* harris-radio@yahoogroups.com
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> > Are you with an ISP that gives you a dynamic IP?
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> > www.2mypc.net <http://www.2mypc.net>
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> Yahoo Groups Links
>
>

1985. RE: [harris-radio] PRC138

Yahoo group: harris-radio
Date: 2014-08-28 18:22:04 UTC
From: mmurphys@...
Topic: 1975 Message: 1985

I would check the memory battery with a slight load

1986. Re: PRC138

Yahoo group: harris-radio
Date: 2014-08-28 20:53:36 UTC
From: communication_site@...
Topic: 1975 Message: 1986

Thanks for the replys !

Function switch turn from SSB position to TEST position for performance the self-diagnostic/ Bite mode,
but same as SSB position,it not be able to any input /operation on the keypad.

Display shown an initialization screen * INITIALIZING **** WAIT **** and followed by TEST VERSION VSWR BATTERY with flashing TEST, But unfortunately display changes to SYSTEM BUSY RESELECT MODE .... after 1-2 seconds TEST screen appeared.

I have replaced the memory back-up battery.

Thank you
Hiro

1987. Re: RF-382A controller PCB ordering

Yahoo group: harris-radio
Date: 2014-08-28 22:54:07 UTC
From: prcradio@...
Topic: 1971 Message: 1987

Unless your selling them commercially in a location that must adhere to RoHs I would do legacy plating.
Mike

1988. Re: [harris-radio] RF-382A controller PCB ordering

Yahoo group: harris-radio
Date: 2014-08-28 23:37:53 UTC
From: S C Marrow
Topic: 1971 Message: 1988

Definitely prefer the legacy
----- Original Message -----
From: Paul Katz paulnkatz@... [harris-radio]
To: Harris Radio Group
Sent: Thursday, August 28, 2014 12:31 AM
Subject: [harris-radio] RF-382A controller PCB ordering

Tomorrow I order the PCBs. However, I have to make a choice for the PCB plating of either Lead Free - RoHs compliant plating or tin/lead legacy plating. Anyone have some expertise on PCB plating and suggestion on which plating method I should specify? Cost is the same.

73,
Paul, W5NTQ

1989. Help with RF3200

Yahoo group: harris-radio
Date: 2014-08-29 02:38:10 UTC
From: hpnpilot@...
Topic: 1989 Message: 1989

Posting this for someone not in the group. Please reply directly to him.

Let me introduce myself.....Keith K0KE. Ex brodcast eng and the last 20yrs in the cell phone business.

I recently acquired 2 RF3200 (not E models). Both had ALE boards and ant tuner boards. They have been removed by me. As purchased they were configured for Group A - of no interest to me. I have reconfigured them to Group F (I have both the serial # password and upper level 7 digit password) for both. I am familiar with the menu options.
While the units receive nicely from 1.6 to 30 mhz, they do not transmit. They go into the transmit mode LSB, USB, CW, AM etc but no power out the back end. They final amp in both work fine when inputting the +16dBm drive signal from a 8640b sig gen. The output of the main board that drives the final assy is quite low, audible in a receiver and can be seen on a spectrum analyzer well below 0 dBm. One would suspect Q5 & Q6 but both units behave exactly the same leading me to believe there is likely not a hardware problem but rather some other issue like a E prom or some secret to getting those stages turned on and outputting needed power (+16)
Neither unit outputted any power in the group A mode on any channel just like group F but can be seen and heard weakly. I have downloaded both the service manual and operating manual off the internet and have read, reread and studied the documentation I have.
I am at a dead end. Any help (clues) would be greatly appreciated.
Thanks in advance for any help or advice you can give me.

73 Keith Ericson K0KE k.r.ericson@att.net mailto:k.r.ericson@att.net Parker, CO.

1990. RE: [harris-radio] Help with RF3200

Yahoo group: harris-radio
Date: 2014-08-29 14:01:00 UTC
From: Roger Waldmiller
Topic: 1989 Message: 1990

Hi Keith:

I will address the problem directly to your E mail.

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, August 28, 2014 10:38 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Help with RF3200

Posting this for someone not in the group. Please reply directly to him.

Let me introduce myself.....Keith K0KE. Ex brodcast eng and the last 20yrs in the cell phone business.

I recently acquired 2 RF3200 (not E models). Both had ALE boards and ant tuner boards. They have been removed by me. As purchased they were configured for Group A - of no interest to me. I have reconfigured them to Group F (I have both the serial # password and upper level 7 digit password) for both. I am familiar with the menu options.
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I am at a dead end. Any help (clues) would be greatly appreciated.
Thanks in advance for any help or advice you can give me.

73 Keith Ericson K0KE k.r.ericson@att.net Parker, CO.

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

1991. RE: [harris-radio] Re: PRC138

Yahoo group: harris-radio
Date: 2014-08-30 18:40:57 UTC
From: Roger Waldmiller
Topic: 1975 Message: 1991

Hello Hiro:

I faintly recall this SYSTEM BUSY malfunction from when I worked on these 138’s. but it has been 8 years and the memory lags.

I believe It may have to do with f/w or the bds not talking to the controller A4 or even some bd has contaminated f/w.

Board substitution may be the only way to find what bd is causing this.

I believe You can remove the A3(lpc)? and A9(coupler)bds and still power up, maybe even the A5(rxex)?

There is F/W on the A01, A03, A04a,b,c,d,e,f, sections, A10(front panel) . Any of these bds could be the problem , and even the A7 PS.

Contact me E mail ,as I do have more info that may be helpful.

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, August 28, 2014 4:54 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: PRC138

Thanks for the replys !

Function switch turn from SSB position to TEST position for performance the self-diagnostic/ Bite mode,
but same as SSB position,it not be able to any input /operation on the keypad.

Display shown an initialization screen * INITIALIZING **** WAIT **** and followed by TEST VERSION VSWR BATTERY with flashing TEST, But unfortunately display changes to SYSTEM BUSY RESELECT MODE .... after 1-2 seconds TEST screen appeared.

I have replaced the memory back-up battery.

Thank you

Hiro

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

1992. RE: [harris-radio] Re: PRC138

Yahoo group: harris-radio
Date: 2014-08-31 22:24:26 UTC
From: communication_site@...
Topic: 1975 Message: 1992

Thanks Roger,

I have a test to pull out the board A3, A4, A5 and A9, but there was no change in the problem.
"MODE" in appear the text " SYSTEM BUSY ... RESELECT MODE " it would be re-select function switch position correct ?
I will send an e-mail directly to you.

Any help would be greatly appreciated.
Thanks in advance for any help.

Hiro

1993. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2014-09-01 01:20:22 UTC
From: harris-radio@yahoogroups.com
Topic: 1894 Message: 1993

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /Harris RF-382 Controller/RF-382A remote controller single side PCB.pdf
Uploaded by : scm325 <Highpwr@...>
Description : Latest and Final version from Paul. 08/31/14

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/harris-radio/files/Harris%20RF-382%20Controller/RF-382A%20remote%20controller%20single%20side%20PCB.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

scm325 <Highpwr@...>

1994. RE: [harris-radio] Re: PRC138

Yahoo group: harris-radio
Date: 2014-09-01 16:50:10 UTC
From: Roger Waldmiller
Topic: 1975 Message: 1994

Hello Hiro.

I mentioned A4 as having f/w NOT to be removed .. This bd is sort of the BRAINs talking to all the other bds. MUST have it in to power up.

F/w and not compatible on bds between units ver could cause problems .

There are 2 prc138 versions VI and V2, each used different bds and f/w

On each bd is a part number 10303-xxxx, 10372-xxxx, 10530-xxxx, 10542-xxxx, .

List those numbers for A01,A03,A04,A05,A06,A08, A09, A10 .?

Also what is written on the name plate of the unit?

Photos of the unit would be helpful.

Send directly

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, August 31, 2014 6:24 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Re: PRC138

Thanks Roger,

I have a test to pull out the board A3, A4, A5 and A9, but there was no change in the problem.

"MODE" in appear the text " SYSTEM BUSY ... RESELECT MODE " it would be re-select function switch position correct ?

I will send an e-mail directly to you.

Any help would be greatly appreciated.
Thanks in advance for any help.

Hiro

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

1995. RE: [harris-radio] Re: PRC138

Yahoo group: harris-radio
Date: 2014-09-01 18:34:21 UTC
From: W2HX
Topic: 1975 Message: 1995

Roger, can you make a generalization of what functionally is different between v1 and v2 on the -138? Since you mention incompatibilities I am sure there are lots of internal differences, but are there any general difference a user might experience if they had both?

Thanks
Eugene

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, September 01, 2014 12:50 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Re: PRC138

Hello Hiro.
I mentioned A4 as having f/w NOT to be removed .. This bd is sort of the BRAINs talking to all the other bds. MUST have it in to power up.

F/w and not compatible on bds between units ver could cause problems .
There are 2 prc138 versions VI and V2, each used different bds and f/w

On each bd is a part number 10303-xxxx, 10372-xxxx, 10530-xxxx, 10542-xxxx, .
List those numbers for A01,A03,A04,A05,A06,A08, A09, A10 .?
Also what is written on the name plate of the unit?

Photos of the unit would be helpful.
Send directly

Regards
Roger

Roger w
waldrgr@rochester.rr.com<mailto:waldrgr@rochester.rr.com>

k4alphapapa
3200 ,2000,3230,
5000, 138, 3201
Rochester NY USA

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I will send an e-mail directly to you.

Any help would be greatly appreciated.
Thanks in advance for any help.

Hiro

_____
[http://static.avast.com/emails/avast-mail-stamp.png]<http://www.avast.com/>

This email is free from viruses and malware because avast!
Antivirus<http://www.avast.com/> protection is active.

1996. RE: [harris-radio] Re: PRC138

Yahoo group: harris-radio
Date: 2014-09-01 20:51:34 UTC
From: Roger Waldmiller
Topic: 1975 Message: 1996

Hi Eugene;

Glad too

Besides the f/w

The older V1 used a A3 -1313-2400 bd and a A4 10313-2500 . front panel 10303-2100

Later V1 models use the A3 10372-3440 bd and the A4 10303-2500, front panel 10303-2100

The V2 =used the A3 10372-3440 bd also BUT the A4 changed to the 10530-2500 bd , also the front panel changed to 10530-2100

The V2 f/w top level basically was 10530-8910

The V1 f/w was all 10372-8921,22,25

The later V1 f/w was 10371-8926

YOU CANNOT REPROGRAM THE 10303-2500 BD TO MAKE IT A 10530-2500 BD NO ROOM FOR ADDITIONAL PROGRAM.

The A4 is a 3 bd set using flex cable between bds in order to fold it .

It has 6 sections of programming on 6 chips, of which 3 cannot be programmed in the radio , section A4 C, E, and F

I believe the newer A3 10372-3440 bd will not work with the OLDER f/w in the V1, only the later 8926 series, must use a 10303-2400 bd

Generally:

If I know the bd f/w readouts I can check the matrix

If I know the bds in the unit I can tell whatever it is.

Hope this helps:

Regards

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@...m [mailto:harris-radio@yahoogroups.com]
Sent: Monday, September 01, 2014 2:34 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Re: PRC138

Roger, can you make a generalization of what functionally is different between v1 and v2 on the -138? Since you mention incompatibilities I am sure there are lots of internal differences, but are there any general difference a user might experience if they had both?

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On each bd is a part number 10303-xxxx, 10372-xxxx, 10530-xxxx, 10542-xxxx, .

List those numbers for A01,A03,A04,A05,A06,A08, A09, A10 .?

Also what is written on the name plate of the unit?

Photos of the unit would be helpful.

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Any help would be greatly appreciated.
Thanks in advance for any help.

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<http://www.avast.com/>

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http://www.avast.com

1997. Re: [harris-radio] Re: PRC138

Yahoo group: harris-radio
Date: 2014-09-01 22:20:39 UTC
From: Brooke Clarke
Topic: 1975 Message: 1997

Hi Roger:

Can you tell me how those versions relate to the NSNs and letter suffixes?
http://www.prc68.com/I/PRC138.html#Versions

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

'Roger Waldmiller' waldrgr@... [harris-radio] wrote:
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> Hi Eugene;
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> Glad too
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> Besides the f/w
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> 3200 ,2000,3230,
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>
> Rochester NY USA
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> *To:* harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
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> 3200 ,2000,3230,
>
> 5000, 138, 3201
>
> Rochester NY USA
>
> *From:*harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
[mailto:harris-radio@yahoogroups.com]
> *Sent:* Sunday, August 31, 2014 6:24 PM
> *To:* harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
> *Subject:* RE: [harris-radio] Re: PRC138
>
> Thanks Roger,
>
> I have a test to pull out the board A3, A4, A5 and A9, but there was no change in the
problem.
>
> "MODE" in appear the text " SYSTEM BUSY ... RESELECT MODE " it would be re-select
function switch position correct ?
>
> I will send an e-mail directly to you.
>
> Any help would be greatly appreciated.
> Thanks in advance for any help.
>
> Hiro

>
> ----------

>
> <http://www.avast.com/>
>
>
>
> This email is free from viruses and malware because avast! Antivirus
<http://www.avast.com/> protection is active.
>
>
>
> ----------

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<http://www.avast.com/> protection is active.
>
>
>
>
>

1998. RE: [harris-radio] Re: PRC138

Yahoo group: harris-radio
Date: 2014-09-02 13:25:56 UTC
From: communication_site@...
Topic: 1975 Message: 1998

Hello Roger,

I looked up the part number for the bds installed in 138.
A1 10303-2280
A3 10372-3440-01
A4 10530-2500-01
:
:
A10 10303-2250
The combination of A3 and A4 is V2 model I guess, But the A10 part number does not match the V2.
"System Busy" problem occurs, perhaps this is the reason?
Equipment name plate on the front panel show model number is RT-1694 (P) /PRC-138.
Maybe some one has swap bds at the feild?

Regards

Hiro

1999. RE: [harris-radio] Re: PRC138

Yahoo group: harris-radio
Date: 2014-09-02 13:48:47 UTC
From: Roger Waldmiller
Topic: 1975 Message: 1999

Hi Brooke:

Sorry I do not any info like that.

Roger w

waldrgr@rochester.rr.com

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, September 01, 2014 6:21 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: PRC138

Hi Roger:

Can you tell me how those versions relate to the NSNs and letter suffixes?
http://www.prc68.com/I/PRC138.html#Versions

Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

'Roger Waldmiller' waldrgr@... [harris-radio] wrote:
>
>
> Hi Eugene;
>
> Glad too
>
> Besides the f/w
>
> The older V1 used a A3 -1313-2400 bd and a A4 10313-2500 . front panel 10303-2100
>
> Later V1 models use the *A3 10372-3440* bd and the A4 10303-2500, front panel 10303-2100
>
> The V2 =used the A3 10372-3440 bd also BUT the A4 changed to the *10530-2500* bd , also the front panel changed to

> *10530-2100*
>
> The V2 f/w top level basically was 10530-8910
>
> The V1 f/w was all 10372-8921,22,25
>
> The later V1 f/w was 10371-8926
>
> YOU CANNOT REPROGRAM THE 10303-2500 BD TO MAKE IT A 10530-2500 BD NO ROOM FOR ADDITIONAL PROGRAM.
>
> The A4 is a 3 bd set using flex cable between bds in order to fold it ..
>
> It has 6 sections of programming on 6 chips, of which 3 cannot be programmed in the radio , section A4 C, E, and F
>
> I believe the newer A3 10372-3440 bd will not work with the OLDER f/w in the V1, only the later 8926 series, must use
> a 10303-2400 bd
>
> Generally:
>
> If I know the bd f/w readouts I can check the matrix
>
> If I know the bds in the unit I can tell whatever it is.
>
> Hope this helps:
>
> Regards
>
> Roger w
>
> waldrgr@... <mailto:waldrgr@...>
>
> k4alphapapa
>
> 3200 ,2000,3230,
>
> 5000, 138, 3201
>
> Rochester NY USA
>
> *From:*harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> *Sent:* Monday, September 01, 2014 2:34 PM
> *To:* harris-radio@yahoogroups.com
> *Subject:* RE: [harris-radio] Re: PRC138
>
> Roger, can you make a generalization of what functionally is different between v1 and v2 on the -138? Since you
> mention incompatibilities I am sure there are lots of internal differences, but are there

any general difference a
> user might experience if they had both?
>
> Thanks
>
> Eugene
>
> *From:*harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
[mailto:harris-radio@yahoogroups.com]
> *Sent:* Monday, September 01, 2014 12:50 PM
> *To:* harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
> *Subject:* RE: [harris-radio] Re: PRC138
>
> Hello Hiro.
>
> I mentioned A4 as having f/w NOT to be removed .. This bd is sort of the BRAINs talking
to all the other bds. MUST
> have it in to power up.
>
> F/w and not compatible on bds between units ver could cause problems ...
>
> There are 2 prc138 versions VI and V2, each used different bds and f/w
>
> On each bd is a part number 10303-xxxx, 10372-xxxx, 10530-xxxx, 10542-xxxx, ..
>
> List those numbers for A01,A03,A04,A05,A06,A08, A09, A10 .?
>
> Also what is written on the name plate of the unit?
>
> Photos of the unit would be helpful.
>
> Send directly
>
> Regards
>
> Roger
>
> Roger w
>
> waldrgr@... <mailto:waldrgr@...>
>
> k4alphapapa
>
> 3200 ,2000,3230,
>
> 5000, 138, 3201
>
> Rochester NY USA
>
> *From:*harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
[mailto:harris-radio@yahoogroups.com]

> *Sent:* Sunday, August 31, 2014 6:24 PM
> *To:* harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
> *Subject:* RE: [harris-radio] Re: PRC138
>
> Thanks Roger,
>
> I have a test to pull out the board A3, A4, A5 and A9, but there was no change in the problem.
>
> "MODE" in appear the text " SYSTEM BUSY ... RESELECT MODE " it would be re-select function switch position correct ?
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> I will send an e-mail directly to you.
>
> Any help would be greatly appreciated.
> Thanks in advance for any help.
>
> Hiro
>
> ---
>
> <http://www.avast.com/>
>
>
>
> This email is free from viruses and malware because avast! Antivirus <http://www.avast.com/> protection is active.
>
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> ---
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>
>
>
>
>

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2000. RE: [harris-radio] Re: PRC138

Yahoo group: harris-radio
Date: 2014-09-02 17:05:55 UTC
From: Roger Waldmiller
Topic: 1975 Message: 2000

Hello Hiro:

Partially CORRECT

The A4 indicates a V2 version but

The 10303-2250 is the power supply for the front panel. Common to both.

You will need to look for the audio/control pwb part number.

V1 is 10303-2100, and the V2 would be 10530-2100.

This may be difficult to find as you will have to completely disassemble the front panel .

The audio/control bd is the MAIN pwb bd.

Sometimes there is a sticker pasted on the bd .

Other that that, the f/w would tell what version it is .

There might be a different U1 cpu for each, not sure as I do not have any V2 version manuals/schematics/parts lists.

V1 U1 is a 8017 chip.

If it is a V1 FP, it may well be the cause.

The name plate only shows it is a 1694 P portable

I suspect it is a V1 , but then converted to a V2?? Maybe , Or it was just filled with what ever bds were available??

One way to find would be to find the firm ware on each bd.

A1 and A3 would help to further add to weather V1/ V2

Removing the programmed chip and testing for a CK SUM and the checking on my maytrix's

A1 is U5 and A3 is U3,U14,U15.

These are surface mounted chips in tight corners , danger always present it removal and reinstalling with proper correct tools.

THIS IS NOT A EASY UNIT TO WORK ON OR TROUBLE SHOOT WITH OUT SPARES ,BDS, F/W , MANUALS.

REGARDS

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2001. RE: [harris-radio] Re: PRC138

Yahoo group: harris-radio
Date: 2014-09-02 17:06:20 UTC
From: Roger Waldmiller
Topic: 1975 Message: 2001

Hello Hiro:

Partially CORRECT

The A4 indicates a V2 version but

The 10303-2250 is the power supply for the front panel. Common to both.

You will need to look for the audio/control pwb part number.

V1 is 10303-2100, and the V2 would be 10530-2100.

This may be difficult to find as you will have to completely disassemble the front panel .

The audio/control bd is the MAIN pwb bd.

Sometimes there is a sticker pasted on the bd .

Other that that, the f/w would tell what version it is .

There might be a different U1 cpu for each, not sure as I do not have any V2 version manuals/schematics/parts lists.

V1 U1 is a 8017 chip.

If it is a V1 FP, it may well be the cause.

The name plate only shows it is a 1694 P portable

I suspect it is a V1 , but then converted to a V2?? Maybe , Or it was just filled with what ever bds were available??

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These are surface mounted chips in tight corners , danger always present it removal and reinstalling with proper correct tools.

THIS IS NOT A EASY UNIT TO WORK ON OR TROUBLE SHOOT WITH OUT SPARES ,BDS, F/W , MANUALS.

REGARDS

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, September 02, 2014 9:26 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Re: PRC138

Hello Roger,

I looked up the part number for the bds installed in 138.

A1 10303-2280

A3 10372-3440-01

A4 10530-2500-01

:

:

A10 10303-2250

The combination of A3 and A4 is V2 model I guess, But the A10 part number does not match the V2.

"System Busy" problem occurs, perhaps this is the reason?

Equipment name plate on the front panel show model number is RT-1694 (P) /PRC-138.

Maybe some one has swap bds at the feild?

Regards

Hiro

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2002. RE: [harris-radio] Re: PRC138

Yahoo group: harris-radio
Date: 2014-09-03 11:28:01 UTC
From: communication_site@...
Topic: 1975 Message: 2002

Hello Roger,

Today I looked up A10 Audio/ Control pwb, part number is 10303-2100.
Also as you say the U1 processor is 8017.
Yes, I also found the 8017 on the bd.
I guess someone has mixed up the V1 front panel bd and V2 A3/ A4 bds.
Maybe problem resolve if possible to up grade or obtain to 10530-2100 bd.
I know difficult to get 138 related items such as spare bds...
Do you know how to up-grade or change from 10303-2100 to 10530-2100 ?
Thank you

Regards

Hiro

2003. RE: [harris-radio] Re: PRC138

Yahoo group: harris-radio
Date: 2014-09-03 15:42:54 UTC
From: Roger Waldmiller
Topic: 1975 Message: 2003

Hello Hiro:

Even with A4 bd being a V2 and A10 being an V1, knowing the f/w in each A1,A3,A4, A10 will make it 100 % of what you have.

The only way to upgrade a PRC138 V1 to V2 OR V2 to V1 is by actual BD replacement.

Changing components to upgrade or down grade a bd is impractical . You would need a set of both V1 and V2 prints to see what was changed.

Added circuitry was even added to the V2 bds.

The only way to test a malfunction is by bd substitution as the BYTE test is not 100% accurate for a bad bd..

Access to a WORKING unit either V1 or V2 or both for bd substitution and f/w readout is most essential.

Then fixing a bad bd requires parts , obsolete or special..

Reprogramming the units DIRECTLY can be done to the A1,A3 ,A4 a,b,d, sections ,and A10 . If they will not take , the bd is placed on a fixture to program.

A4 sections C,E.F definitely need a fixture .

All this programming is done with a 138 program Shell program using a PC windows 95 or 98. Nothing else will work.

Last resort would to pull the requires ICs and manually program on a programmer.

Removing Ics , programming , reinstalling would require Depot level equipment.

Contact me directly waldrgr@...

For additional info that may help if you want to troubleshoot more.

Regards

Roger w

waldrgr@rochester.rr.com

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, September 03, 2014 7:28 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Re: PRC138

Hello Roger,

Today I looked up A10 Audio/ Control pwb, part number is 10303-2100.

Also as you say the U1 processor is 8017.

Yes, I also found the 8017 on the bd.

I guess someone has mixed up the V1 front panel bd and V2 A3/ A4 bds.

Maybe problem resolve if possible to up grade or obtain to 10530-2100 bd.

I know difficult to get 138 related items such as spare bds...

Do you know how to up-grade or change from 10303-2100 to 10530-2100 ?

Thank you

Regards

Hiro

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2004. Re: [harris-radio] Re: PRC138

Yahoo group: harris-radio
Date: 2014-09-03 15:57:16 UTC
From: Chance Wolf
Topic: 1975 Message: 2004

Rather hoping this thread stays public rather than going to email, as I’m learning an awful lot of interesting information too. I don’t have a PRC-138...yet...but it will happen some day...and time spent in reconnaissance is never wasted.

From: mailto:harris-radio@yahoogroups.com
Sent: Wednesday, September 03, 2014 8:42 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Re: PRC138

Hello Hiro:

Even with A4 bd being a V2 and A10 being an V1, knowing the f/w in each A1,A3,A4, A10 will make it 100 % of what you have.

Removing Ics , programming , reinstalling would require Depot level equipment.

<snip>

Contact me directly waldrgr@...

For additional info that may help if you want to troubleshoot more.

Regards

Roger w

waldrgr@...

k4alphapapa

2005. RF-382A controller information

Yahoo group: harris-radio
Date: 2014-09-05 20:07:26 UTC
From: Paul Katz
Topic: 2005 Message: 2005

I sent a direct email with attachments to everyone that requested a controller kit. If you did not receive this email please contact me off list.

73,
Paul, W5NTQ

2006. Shipping address for RF-382A controller

Yahoo group: harris-radio
Date: 2014-09-06 05:16:57 UTC
From: John Bowers
Topic: 2006 Message: 2006

Paul

Ship to:

John Bowers, K9UTK
2212 State Hwy 32
Lovington, IL
61937

Thanks
John

[Non-text portions of this message have been removed]

2007. Re: [harris-radio] RF-382A controller information

Yahoo group: harris-radio
Date: 2014-09-11 05:00:37 UTC
From: Joe Munson
Topic: 2005 Message: 2007

Hi Paul,

I did not get a direct email with attachment. Just did a find on your name. nothing.....

Thanks,

Joe Munson
WA4VAG
12873 Pennington Road
Walton, Kentucky 41094
513-919-1210

2008. M7200 feature code 39

Yahoo group: harris-radio
Date: 2014-09-22 17:35:47 UTC
From: john weir
Topic: 2008 Message: 2008

Hello Group -

Does anyone have this feature code available to install in a new M7200 unit (with VTAC) for Digital P25 Trunking ?

Email : gov@... .

Thank you all ,

John Sebastian
Safety Dynamics Corporation
1(866) TEAM SAFE

2009. Problem Harris RF-550 Audio

Yahoo group: harris-radio
Date: 2014-09-23 11:54:35 UTC
From: onl4008@...
Topic: 2009 Message: 2009

Hi All,

I am in possession of the Harris RF-550. Have here the following problem since few days I have no more audio. The day before, everything worked perfectly, when the next day I put the Harris on i have no Audio.

The freq. read working, the signal meter does nothing. The last needed for the frequency reading was visible it a few seconds. What could be the problem ?

Regards,

Patrick M.
Belgium

2010. Re: [harris-radio] Problem Harris RF-550 Audio

Yahoo group: harris-radio
Date: 2014-09-23 15:54:19 UTC
From: Mauro Donadio
Topic: 2009 Message: 2010

Dear Patrick ,
This machine and others of this generation have chronic problems with tantalum capacitors .
I would start by checking the voltage source and then do a long job replacing all tantalum
.
Best regard
Mauro Donadio
PY3MD
Porto Alegre
Brasil

Em 23/09/2014 08:54, onl4008@... [harris-radio] escreveu:
>
> I am in possession of the Harris RF-550. Have here the following
> problem since few days I have no more audio. The day before,
> everything worked perfectly, when the next day I put the Harris on i
> have no Audio.
>
> The freq. read working, the signal meter does nothing. The last needed
> for the frequency reading was visible it a few seconds. What could be
> the problem ?
>

2011. Re: [harris-radio] Problem Harris RF-550 Audio

Yahoo group: harris-radio
Date: 2014-09-23 16:11:35 UTC
From: ROBERT BOHN
Topic: 2009 Message: 2011

Was aqax wewwwwwwwwwwwwwwwww zaaawaawwwwwwwwwwweewwtDdww
casa was as
Sent from my Verizon waq 4G LTE droids a as droids a asqqqwwwwww2wwqwwqawqw

"Mauro Donadio donadio.adv@gmail.com [harris-radio]" <harris-radio@yahoogroups.com> wrote:

>
>
>Dear Patrick ,
>This machine and others of this generation have chronic problems with tantalum capacitors
.
>I would start by checking the voltage source and then do a long job replacing all tantalum
.
>Best regard
>Mauro Donadio
>PY3MD
>Porto Alegre
>Brasil
>
>Em 23/09/2014 08:54, onl4008@gmail.com [harris-radio] escreveu:
>>
>> I am in possession of the Harris RF-550. Have here the following
>> problem since few days I have no more audio. The day before,
>> everything worked perfectly, when the next day I put the Harris on i
>> have no Audio.
>>
>> The freq. read working, the signal meter does nothing. The last needed
>> for the frequency reading was visible it a few seconds. What could be
>> the problem ?
>>
>
>
>
><!-- #ygrp-mkp { border: 1px solid #d8d8d8; font-family: Arial; margin: 10px 0; padding: 0
10px; } #ygrp-mkp hr { border: 1px solid #d8d8d8; } #ygrp-mkp #hd { color: #628c2a;
font-size: 85%; font-weight: 700; line-height: 122%; margin: 10px 0; } #ygrp-mkp #ads {
margin-bottom: 10px; } #ygrp-mkp .ad { padding: 0 0; } #ygrp-mkp .ad p { margin: 0; }
#ygrp-mkp .ad a { color: #0000ff; text-decoration: none; } #ygrp-sponsor #ygrp-lc {
font-family: Arial; } #ygrp-sponsor #ygrp-lc #hd { margin: 10px 0px; font-weight: 700;
font-size: 78%; line-height: 122%; } #ygrp-sponsor #ygrp-lc .ad { margin-bottom: 10px;
padding: 0 0; } #actions { font-family: Verdana; font-size: 11px; padding: 10px 0; }
#activity { background-color: #e0ecee; float: left; font-family: Verdana; font-size: 10px;
padding: 10px; } #activity span { font-weight: 700; } #activity span:first-child {
text-transform: uppercase; } #activity span a { color: #5085b6; text-decoration: none; }
#activity span span { color: #ff7900; } #activity span .underline { text-decoration:

underline; } .attach { clear: both; display: table; font-family: Arial; font-size: 12px; padding: 10px 0; width: 400px; } .attach div a { text-decoration: none; } .attach img { border: none; padding-right: 5px; } .attach label { display: block; margin-bottom: 5px; } .attach label a { text-decoration: none; } blockquote { margin: 0 0 0 4px; } .bold { font-family: Arial; font-size: 13px; font-weight: 700; } .bold a { text-decoration: none; } dd.last p a { font-family: Verdana; font-weight: 700; } dd.last p span { margin-right: 10px; font-family: Verdana; font-weight: 700; } dd.last p span.yshortcuts { margin-right: 0; } div.attach-table div div a { text-decoration: none; } div.attach-table { width: 400px; } div.file-title a, div.file-title a:active, div.file-title a:hover, div.file-title a:visited { text-decoration: none; } div.photo-title a, div.photo-title a:active, div.photo-title a:hover, div.photo-title a:visited { text-decoration: none; } div#ygrp-mlmsg #ygrp-msg p a span.yshortcuts { font-family: Verdana; font-size: 10px; font-weight: normal; } .green { color: #628c2a; } .MsoNormal { margin: 0 0 0 0; } o { font-size: 0; } #photos div { float: left; width: 72px; } #photos div div { border: 1px solid #666666; height: 62px; overflow: hidden; width: 62px; } #photos div label { color: #666666; font-size: 10px; overflow: hidden; text-align: center; white-space: nowrap; width: 64px; } #reco-category { font-size: 77%; } #reco-desc { font-size: 77%; } .replbq { margin: 4px; } #ygrp-actbar div a:first-child { /* border-right: 0px solid #000;*/ margin-right: 2px; padding-right: 5px; } #ygrp-mlmsg { font-size: 13px; font-family: Arial, helvetica,clean, sans-serif; *font-size: small; *font: x-small; } #ygrp-mlmsg table { font-size: inherit; font: 100%; } #ygrp-mlmsg select, input, textarea { font: 99% Arial, Helvetica, clean, sans-serif; } #ygrp-mlmsg pre, code { font:115% monospace; *font-size:100%; } #ygrp-mlmsg * { line-height: 1.22em; } #ygrp-mlmsg #logo { padding-bottom: 10px; } #ygrp-msg p a { font-family: Verdana; } #ygrp-msg p#attach-count span { color: #1E66AE; font-weight: 700; } #ygrp-reco #reco-head { color: #ff7900; font-weight: 700; } #ygrp-reco { margin-bottom: 20px; padding: 0px; } #ygrp-sponsor #ov li a { font-size: 130%; text-decoration: none; } #ygrp-sponsor #ov li { font-size: 77%; list-style-type: square; padding: 6px 0; } #ygrp-sponsor #ov ul { margin: 0; padding: 0 0 0 8px; } #ygrp-text { font-family: Georgia; } #ygrp-text p { margin: 0 0 1em 0; } #ygrp-text tt { font-size: 120%; } #ygrp-vital ul li:last-child { border-right: none !important; } -->

2012. A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-09-23 16:16:58 UTC
From: Joseph Pinner
Topic: 1782 Message: 2012

Here is my periodic request for help getting my PRC-138 on the air.

I bought it for use with my MARS station as it has built in ALE and Mil Data modes. I plan to use it in the field as well as at my fixed station as I have a Harris 125 W amp that is used with it.

I know that some of you have a spare A7 module but are hesitant to part with it. I hope that you will reconsider so that the PRC-138 I have can be made operational. It is ashamed that both are now on a shelf unused.

I am prepared to offer $ 500 for a working A7 Module.

I also have the following that we could use as part of a cash/trade deal if that were to be preferable.

PRC-117A
Have one or two of each board as well as the rare TF-117 Maintenance Test Kit

PRC-119(*)
A3272704-1 (5998-01-455-9641) processor board
A3266120-1 (5895-01-455-9642) panel keyboard
A3272536-1 (5998-01-455-9640) interface board

LST-5
1A5 Receive Module
Display
Screen

Datron TW7000
ALE Controller

- - - -
Joseph Pinner +
KC5IJD / NNN0PHR

2013. GRC-213 Cable 755002C0500 Wanted

Yahoo group: harris-radio
Date: 2014-09-23 16:29:05 UTC
From: Joseph Pinner
Topic: 2013 Message: 2013

Looking for Cable 755002C0500 used with the GRC-213 when the PRC-104 is a B unit.

This is a "Y" cable that provides an AUDIO jack after the other two connections have been made to the AM-7152 and RT-1209, thus not using up an AUDIO connector on the radio.

*Picture at: http://tinyurl.com/mabvvju

*Joseph Pinner
KC5IJD / NNN0PHR*
*

2014. Re: RF-382A controller

Yahoo group: harris-radio
Date: 2014-09-24 00:41:32 UTC
From: Paul Katz
Topic: 1957 Message: 2014

The controller kits are starting to be built and integrated with RF-382A couplers. When an interesting comment or question comes to me, I will repeat and answer on the Reflector for all to benefit.

Hi Paul,
> Got the switches and jumper figured out in the coupler and the board
> is now working with a 382A-02 coupler, although is has some erratic
> behavior. About half the time when changing bands the coupler goes
> click once with no further tuning and the internal fault light stays
> on. This requires a reset and it usually tunes ok right after the
> reset. Otherwise it works as advertised with about 10 to 20w of CW
> power for tuning and has not tried to retune during SSB chat. I had
> forgotten how good these tuners are with matching things like a clip
> lead on 160m.
>
Answer:
> What you are seeing is not erratic operation but what the coupler
> normally does when the VSWR is greater than 3:1 when first turned on
> or switched to a new band. Leave low power on until VSWR settles on
> continuous low power operation even if there are two rechannels. Do
> for each band. May need to do a Rechannel (low power on for a few
> seconds) several times until lowest VSWR is achieved. After you do
> that for all bands going to a new band will tune from coupler memory
> almost instantly. This works when changing bands and applying tune
> power ONCE. If you do Rechannel twice on same frequency, coupler will
> go into a new Rechannel tuning cycle. This is the way the coupler is
> supposed to work. Each coupler has its own personality and on some
> frequencies it will not find a proper tuning solution. This usually
> happens on 18 mHz into a 50 ohm dummy load. Again, normal operation
> of coupler. Controller does not know which band you are on or what is
> the antenna impedance, only that it has received a low power
> continuous carrier for a few seconds. If the controller works on one
> frequency it will work on all frequencies barring some craziness in
> the RF-382A coupler. Call me if you have any further questions
> (713-666-2186).

2015. Re: RF-382A controller

Yahoo group: harris-radio
Date: 2014-09-27 17:59:56 UTC
From: prcradio@...
Topic: 1957 Message: 2015

I posted a pic of my completed RF-382A Controller kit from Paul in the photos section under "RF-382A Controller". It works as advertised and brings new life to my 382 couplers by allowing me to use any radio with the coupler.

I used a ROSE cast enclosure with gasket and built a bias Tee in with the controller so coupler power is fed up the coax. I was able to mount the controller box to the coupler using two case screws above the RF and J2 connectors on the coupler.

Thanks Paul for a great project and quality kit!
Mike

2016. Harris RF-550 A7 Frequency Module

Yahoo group: harris-radio
Date: 2014-09-27 20:33:02 UTC
From: John Watkins
Topic: 1957 Message: 2016

Thought I would ask about this again, in case some one has run across a spare module or is parting out a Harris RF-550 receiver. I am in need of the Frequency Standard module 1920-1350, w/or wo the 5Mhz osc, can.

Thanks,

John WD5ENU

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2017. WTB: RF-382

Yahoo group: harris-radio
Date: 2014-09-29 00:22:59 UTC
From: W2HX
Topic: 2017 Message: 2017

Hello folks,

At one time, I had 4 of these couplers. Sold all but one which is mounted in my land rover. With the new kit from W5NTQ, I expect to be able to use this coupler with something other than my RF-5000 system in the land rover. Hind sight being 2020, I wonder if anyone has a spare RF-382A they would part with. I am not looking to spend $700 which these sometimes sell for.

What have you?

73 Eugene W2HX

2018. rf3200

Yahoo group: harris-radio
Date: 2014-09-30 18:49:39 UTC
From: Alan Morriss
Topic: 2018 Message: 2018

hello everyone. a friend who is a lot smarter than i am is working on my RF3200 which has stopped transmitting. he has found that the RAM chip , the Dallas DS1225AD is time expired by along way. i can get a replacement new , but the access time is 80 microseconds instead of 70. can anyone tell me if it will do. of course they are available on ebay , but are probably nearly as old. there is nothing wrong with the PA , so the RAM looks a good bet.
alan G4GEN

2019. Fwd: HARRIS RF3200

Yahoo group: harris-radio
Date: 2014-09-30 18:50:14 UTC
From: Alan Morriss
Topic: 2019 Message: 2019

Begin forwarded message:

> From: Pat1McA@...
> Date: 30 September 2014 17:29:46 GMT+01:00
> To: mohawk@...
> Subject: Fwd: HARRIS RF3200
>
> Hello Al, again,
>
> I've sourced the DALLAS RAM chip from R.S.
>
> I think this is the only one that will do the 70uS access time. RS Part 797 - 9385 Maxim DS1225AD 85+
>
> These are £15.63 + vat + £5.00 (crazy rip off) carriage.
>
> There is a lot of old stock about, look at the datecodes on the Ebay chips.
>
> Can you find one cheaper ?
>
> Please advise,
>
> Pat
>
> From: Pat1McA@...
> To: mohawk@...
> Sent: 30/09/2014 15:43:45 GMT Daylight Time
> Subj: HARRIS RF3200
>
> Hello Alan,
>
> I started looking at the 3200 this afternoon.
>
> The S/N is 229. The Eprom is marked U7. Firmware 121D - Im not sure if its a "D" or an "o" or "zero"?
>
> The Eprom P/N is 10330-8021 and the label is dated 1985.
>
> Looking at the PA section there is nothing obvious and a lack of any possible suspect electrolytics.
>
> In your Email 24/5/2014, you forwarded a message from "Roger w" waldrgr@... "Harris Radio" to me.
>
> He mentions that a A7U6 SRAM may be contaminated.

>
> This actually is a: DALLAS RAM DS1225AD Nonvolatile SRAM
>
> Date Code 9101D2 010003
>
> So this looks like it was manufactured in 1991 and is thus well out of date.
>
> Before we go any further it might be an idea to get one of these devices so it can be replaced now.
>
> Do you know where you can get one?
>
> TTFN,
>
> Pat

2020. RE: [harris-radio] rf3200

Yahoo group: harris-radio
Date: 2014-09-30 19:18:57 UTC
From: Roger Waldmiller
Topic: 2018 Message: 2020

Hi Alan:

The original SRAM is a DS1225AD-200.

I have never tried a lower value and have always gotten the -200 at the supply houses, MOUSER, Digit-key etc.

Google DS1225AD-200 and you will see plenty of choices.

I can see if the SRAM was contaminated it would cause the NO TX malfunction. Presently it is advised to change this SRAM due to the age of the units .

All units mfg'd are beyond the 10 life of the chips battery, especially if the unit has been OFF , out of operation for years.

The 1st 2 left hand digits of the mfg code are the years date the chip was made , not when it was activated.

All HARRIS radio chips were installed approx'ly with the date that was on the chip.

ALL NEW chip DATES are OK just get one with a date that is current +/- 1-2 years IE :12xxx, 13xxx, 14xxx

The OFF discharge time is activated when it is installed in a working circuit.

Hope this helps.

If you have further Q, contact me E mail

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, September 30, 2014 2:50 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] rf3200

hello everyone. a friend who is a lot smarter than i am is working on my RF3200 which has stopped transmitting. he has found that the RAM chip , the Dallas DS1225AD is time expired by along way. i can get a replacement new , but the access time is 80 microseconds instead of 70. can anyone tell me if it will do. of course they are available on ebay , but are probably nearly as old. there is nothing wrong with the PA , so the RAM looks a good bet.
alan G4GEN

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2021. RE: [harris-radio] rf3200

Yahoo group: harris-radio
Date: 2014-09-30 20:56:43 UTC
From: <w5dtw2@...>
Topic: 2018 Message: 2021

If you ever get to where a Dallas chip is not available, I have actually taken dental tools and dug down through the top of the chip, uncovered both sides of the internal battery connection, severed one lead to disconnect the internal battery and tacked small wires to lead to an external 3.3V battery (the PC CMOS coin batteries with leads work great) You will be able to tell the polarity as there is always a little left in the old battery, this will also let you know when you have successfully severed the internal battery connection, what Dallas did was take a RAM chip and bend the battery leads up and connect an external battery then re-pot the device..

Craig

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, September 30, 2014 2:19 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] rf3200

Hi Alan:

The original SRAM is a DS1225AD-200.

I have never tried a lower value and have always gotten the -200 at the supply houses, MOUSER, Digit-key etc.

Google DS1225AD-200 and you will see plenty of choices.

I can see if the SRAM was contaminated it would cause the NO TX malfunction. Presently it is advised to change this SRAM due to the age of the units .

All units mfg'd are beyond the 10 life of the chips battery, especially if the unit has been OFF , out of operation for years.

The 1st 2 left hand digits of the mfg code are the years date the chip was made , not when it was activated.

All HARRIS radio chips were installed approx'ly with the date that was on the chip.

ALL NEW chip DATES are OK just get one with a date that is current +/- 1-2 years IE :12xxx, 13xxx, 14xxx

The OFF discharge time is activated when it is installed in a working circuit.

Hope this helps.

If you have further Q, contact me E mail

Roger

Roger w

waldrgr@... <mailto:waldrgr@...>

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
[mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, September 30, 2014 2:50 PM
To: harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
Subject: [harris-radio] rf3200

hello everyone. a friend who is a lot smarter than i am is working on my
RF3200 which has stopped transmitting. he has found that the RAM chip , the
Dallas DS1225AD is time expired by along way. i can get a replacement new ,
but the access time is 80 microseconds instead of 70. can anyone tell me if
it will do. of course they are available on ebay , but are probably nearly
as old. there is nothing wrong with the PA , so the RAM looks a good bet.
alan G4GEN

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http://www.avast.com

2022. thanks

Yahoo group: harris-radio
Date: 2014-10-01 07:48:35 UTC
From: Alan Morriss
Topic: 2022 Message: 2022

thanks for that tip. sounds a great idea. i will try it first ! alan

2023. Driving Harris RF-3230

Yahoo group: harris-radio
Date: 2014-10-03 16:57:42 UTC
From: Jm24u
Topic: 2023 Message: 2023

Does anyone have any experience driving the Harris RF-3230 HF amplifier with a ham band transceiver ??

Regards, Jim.....W8JMM

2024. RE: [harris-radio] Driving Harris RF-3230

Yahoo group: harris-radio
Date: 2014-10-04 14:39:22 UTC
From: Roger Waldmiller
Topic: 2023 Message: 2024

Hi Jim W8JMM:

I guess I could fill that position.

I have worked on the 3230 for many years prior to 2006 and then a couple of years part time with Harris Rf.

The 3230 was originally configured to work with the RF350 and the 3200 series radios. It would ID each when connected and turn on .

The transceivers needed a RF output up to 60watts for a full 1000w output.

The 3230 would talk back to the transceiver via the TGC line,0-8vdc , to adjust the power accordingly.

One of the problems was how to turn on the 3230 when another T/R was connected and what to do with the TGC line, and what /when to do the tuning. Tuning the 3230 should NOT be at full power.

There are other Hams that have successfully connected them.

Attached are my E mails from and to David King KF4ZRI

Hope this helps.

For more Q contact me direct E mail

Regards

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, October 03, 2014 12:58 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Driving Harris RF-3230

Does anyone have any experience driving the Harris RF-3230 HF amplifier with a ham band transceiver ??

Regards, Jim.....W8JMM

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[Non-text portions of this message have been removed]

2025. RF-382A controller/coupler

Yahoo group: harris-radio
Date: 2014-10-06 20:10:30 UTC
From: Paul Katz
Topic: 2025 Message: 2025

Have been experimenting with putting the controller card into same box with a Bias-T DC power feed. Used a plastic 4"x4" weatherproof box and two foot of UNSHIELDED control cable from controller to coupler (with power to controller looped back from coupler connector - for a worst case scenario). Noticed problems with coupler not reaching a low VSWR coupling solution and on certain bands not going into a Rechannel cycle. I believe that the coupler (RF-382A) (maybe controller too) is sensitive to RF coming in from the unshielded control cable and controller being in close proximity to RF from the bias-T circuit. When the controller is in a separate box not in close proximity to RF from bias-T, even with unshielded cable, all bands appear to work properly. Suggest seperate shielded box to house controller and another shielded box for Bias-T power if used. Shielded control cable may not be necessary but it cannot hurt either.

Please share with group or send me your experiences with your coupler in combination with the controller.

73,
Paul, W5NTQ

2026. Re: RF-382A controller/coupler

Yahoo group: harris-radio
Date: 2014-10-07 15:58:27 UTC
From: prcradio@...
Topic: 2025 Message: 2026

I used a cast metal box and placed the controller board and bias Tee in the same box with no problems. I placed the control board and bias Tee at opposite ends of the box with room for an internal shield wall between the circuits if needed. The box attaches directly to the coupler housing and is well grounded and I used shielded control cable to the coupler. So far no problems tuning any frequency from 160 through 10m as long as there is adequate counterpoise attached to the tuner.
Mike

2027. PRC138 and RF5022 Frequency tuning

Yahoo group: harris-radio
Date: 2014-10-11 09:13:39 UTC
From: i3ldsari@...
Topic: 2027 Message: 2027

I have posted a letter to Milpack group giving some information on tuning the frequency of the PRC138 and RF5022
Lud I3LDS

2028. Need LPF Relays for Harris Rf-350K

Yahoo group: harris-radio
Date: 2014-10-15 23:19:56 UTC
From: n4be_jim@...
Topic: 2028 Message: 2028

Looking for more replacement relay(s) for the infamous LPF relays in the Harris 350K. These are type NT1-DC12V NT1DC12V NT1 SERIES by AROMAT.
Thanks,

Jim N4BE
https://www.facebook.com/dialog/feed?app_id=102628213125203&link=http%3A%2F%2Fwww.ebay.com%2Fitm%2FNT1-DC12V-NT1DC12V-NT1-SERIES-AROMAT-8A-12V-PC-MOUNT-USE-%2F171465955205%3Froken%3DcUgayN&picture=http%3A%2F%2Fgalleryplus.ebayimg.com%2Fws%2Fweb%2F171465955205_1_0_1%2F1000x1000.jpg&name=NT1-DC12V+NT1DC12V+NT1+SERIES+AROMAT+8A+12V+PC+MOUNT+****USE***&description=NT1-DC12V+NT1DC12V+NT1+SERIES+AROMAT+8A+12V+PC+MOUNT+****USE***&redirect_uri=http%3A%2F%2Fwww.ebay.com%2Fspg%2Ffacebookthank&display=popup http://www.ebay.com/soc/share?du=http%3A%2F%2Fwww.ebay.com%2Fitm%2FNT1-DC12V-NT1DC12V-NT1-SERIES-AROMAT-8A-12V-PC-MOUNT-USE-%2F171465955205&rt=nc&spid=2047675&itm=171465955205&media=http%3A%2F%2Fgalleryplus.ebayimg.com%2Fws%2Fweb%2F171465955205_1_0_1%2F1000x1000.jpg&swd=3&lang=en&t=Check+out+NT1-DC12V+NT1DC12V+NT1+SERIES+AROMAT+8A+12V+PC+MOUNT+****USE*** http://www.ebay.com/soc/share?du=http%3A%2F%2Fwww.ebay.com%2Fitm%2FNT1-DC12V-NT1DC12V-NT1-SERIES-AROMAT-8A-12V-PC-MOUNT-USE-%2F171465955205&rt=nc&spid=2047675&itm=171465955205&media=http%3A%2F%2Fgalleryplus.ebayimg.com%2Fws%2Fweb%2F171465955205_1_0_1%2F1000x1000.jpg&swd=11&t=NT1-DC12V+NT1DC12V+NT1+SERIES+AROMAT+8A+12V+PC+MOUNT+****USE***

2029. password

Yahoo group: harris-radio
Date: 2014-10-18 17:28:14 UTC
From: Alan Morriss
Topic: 2029 Message: 2029

hello everyone, i managed to obtain a replacement SRAM chip for my RF23200 , but it did not make any difference. it seems that we need the security level or configuration password. the one from the web , 427748 was tried but did not work. does anyone know how i can get it ? alan G4GEN

2030. Re: [harris-radio] password

Yahoo group: harris-radio
Date: 2014-10-18 17:36:04 UTC
From: Chance Wolf
Topic: 2029 Message: 2030

You could try the PRC-138 one for giggles, I guess: 24458300

From: mailto:harris-radio@yahoogroups.com
Sent: Saturday, October 18, 2014 10:28 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] password

hello everyone, i managed to obtain a replacement SRAM chip for my RF23200 , but it did not make any difference. it seems that we need the security level or configuration password. the one from the web , 427748 was tried but did not work. does anyone know how i can get it ? alan G4GEN

2031. Re: [harris-radio] password

Yahoo group: harris-radio
Date: 2014-10-18 20:13:33 UTC
From: Michael Buckley
Topic: 2029 Message: 2031

As the "enemy" Alan, they will know.

(There again, who is the enemy?)

Mike B

On 18/10/2014 18:28, Alan Morriss mohawk@... [harris-radio] wrote:
>
> hello everyone, i managed to obtain a replacement SRAM chip for my
> RF23200 , but it did not make any difference. it seems that we need
> the security level or configuration password. the one from the web ,
> 427748 was tried but did not work. does anyone know how i can get it ?
> alan G4GEN
>
>

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http://www.avast.com

2032. RE: [harris-radio] password

Yahoo group: harris-radio
Date: 2014-10-18 20:58:34 UTC
From: <w5dtw2@...>
Topic: 2029 Message: 2032

I thought with a serial number of 1 it would be 42748, not 427748

Craig

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 18, 2014 3:14 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] password

As the "enemy" Alan, they will know.

(There again, who is the enemy?)

Mike B

On 18/10/2014 18:28, Alan Morriss mohawk@...
<mailto:mohawk@...> [harris-radio] wrote:

hello everyone, i managed to obtain a replacement SRAM chip for my RF23200 ,
but it did not make any difference. it seems that we need the security level
or configuration password. the one from the web , 427748 was tried but did
not work. does anyone know how i can get it ? alan G4GEN

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http://www.avast.com

2033. Fwd: [harris-radio] password etc etc etc

Yahoo group: harris-radio
Date: 2014-10-18 21:40:09 UTC
From: Alan Morriss
Topic: 2033 Message: 2033

Begin forwarded message:

> From: Pat1McA@...
> Date: 18 October 2014 20:09:09 GMT+01:00
> To: mohawk@...
> Subject: Re: [harris-radio] password etc etc etc
>
> Alan,
>
> I have been doing more investigation.
>
> Basically it appears that the RF3200 is producing too much power so maybe the ALC is not working correctly or the parameters set by the Firmware are wrong for some reason?
>
> I also discovered that J3 SMB connector on the A3 Exciter board was intermittent and changed it out.
>
> After putting the new SRAM in the radio I notice that it appears to be configured so that Tx is inhibited in Group F. i.e. it is RECEIVE only for Group F.
>
> Group F is the non channelised group that should let you "tune around" and drop on a frequency at will in a Simplex mode and also allow you to Tx on your then, selected frequency.
>
> So to get it to work at all I programmed up a Channel in Group A for 3.615MHz and AM mode so, at least, I could see what is going on.
>
> It is producing over 100 watts in AM mode. The level does not appear to be stable and it can start at 150 watts on immediate PTT Tx switch on and vary about a bit. Sometimes it starts at 100 watts and then the modulation appears better than at the higher output power levels.
>
> I have the RF3200 feeding a BIRD 100w 20dB attenuator with a 10w load connected to the output. Before the 10w load I am looking at the envelope on a 'scope to get an idea of how bad the modulation is via a Tee piece.
>
> Looking at the low level drive output of the A3 exciter the mod does not look too bad but is slightly flat topped on the positive peak side.
>
> I was rather hoping that I could do a "system reset" or "Zeroise" the RF3200 but to do this I need a security Config password. At least that would give me a baseline start.
>
> The problem is that the Service Manual here is for the (much later?) RF 3200E Transceiver which appears to be a much more user friendly beast, the keypad is different. The configuration in that manual does not seem to bear any resemblance to the RF 3200 here

which must be an early version.
>
> After trying the 427748 password number which I got off the www. I can now access the limited configuration parameters (as on Page 3-12 of the RF3200 User's Guide) but these seem useless.
>
> There is no "Reset" or "Zeroise" as in the later model.
>
> I have a feeling my life is drifting away just looking at this set.
>
> Somewhere, someone has been through all this and I would appreciate any suggestions as to the best way to progress this. It always pays to ask. Thanks.
>
> 73 de Pat G3YFK
>
>
> In a message dated 18/10/2014 18:42:32 GMT Daylight Time, mohawk@... writes:
>
>
> Begin forwarded message:
>
>> From: "Chance Wolf chancewolf@... [harris-radio]" <harris-radio@yahoogroups.com>
>> Date: 18 October 2014 18:36:04 GMT+01:00
>> To: harris-radio@yahoogroups.com
>> Subject: Re: [harris-radio] password
>> Reply-To: harris-radio@yahoogroups.com
>>
>>
>> You could try the PRC-138 one for giggles, I guess:
>> 24458300
>>
>> From: mailto:harris-radio@yahoogroups.com
>> Sent: Saturday, October 18, 2014 10:28 AM
>> To: harris-radio@yahoogroups.com
>> Subject: [harris-radio] password
>>
>>
>> hello everyone, i managed to obtain a replacement SRAM chip for my RF23200 , but it did not make any difference. it seems that we need the security level or configuration password. the one from the web , 427748 was tried but did not work. does anyone know how i can get it ? alan G4GEN
>>
>>
>>
>
> =

2034. RE: [harris-radio] password etc etc etc

Yahoo group: harris-radio
Date: 2014-10-18 23:29:15 UTC
From: W2HX
Topic: 2033 Message: 2034

I don't recall the details, but I seem to recall a configuration parameter that says whether the radio is receive only (this might be in "F" mode as well). If you don't have the manual to check this, let me know and I'll email the pages(s). Of course, this might not be the problem, but it just triggered a few neurons when I read of your problem.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 18, 2014 5:40 PM
To: harris-radio@yahoogroups.com
Subject: Fwd: [harris-radio] password etc etc etc

Begin forwarded message:

From: Pat1McA@...<mailto:Pat1McA@...>
Date: 18 October 2014 20:09:09 GMT+01:00
To: mohawk@...<mailto:mohawk@...>
Subject: Re: [harris-radio] password etc etc etc

Alan,

I have been doing more investigation.

Basically it appears that the RF3200 is producing too much power so maybe the ALC is not working correctly or the parameters set by the Firmware are wrong for some reason?

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So to get it to work at all I programmed up a Channel in Group A for 3.615MHz and AM mode so, at least, I could see what is going on.

It is producing over 100 watts in AM mode. The level does not appear to be stable and it can start at 150 watts on immediate PTT Tx switch on and vary about a bit. Sometimes it starts at 100 watts and then the modulation appears better than at the higher output power levels.

I have the RF3200 feeding a BIRD 100w 20dB attenuator with a 10w load connected to the output. Before the 10w load I am looking at the envelope on a 'scope to get an idea of how bad the modulation is via a Tee piece.

Looking at the low level drive output of the A3 exciter the mod does not look too bad but is slightly flat topped on the positive peak side.

I was rather hoping that I could do a "system reset" or "Zeroise" the RF3200 but to do this I need a security Config password. At least that would give me a baseline start.

The problem is that the Service Manual here is for the (much later?) RF 3200E Transceiver which appears to be a much more user friendly beast, the keypad is different. The configuration in that manual does not seem to bear any resemblance to the RF 3200 here which must be an early version.

After trying the 427748 password number which I got off the www. I can now access the limited configuration parameters (as on Page 3-12 of the RF3200 User's Guide) but these seem useless.

There is no "Reset" or "Zeroise" as in the later model.

I have a feeling my life is drifting away just looking at this set.

Somewhere, someone has been through all this and I would appreciate any suggestions as to the best way to progress this. It always pays to ask. Thanks.

73 de Pat G3YFK

In a message dated 18/10/2014 18:42:32 GMT Daylight Time, mohawk@...<mailto:mohawk@...> writes:

Begin forwarded message:

From: "Chance Wolf chancewolf@...<mailto:chancewolf@...> [harris-radio]"
<harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>>
Date: 18 October 2014 18:36:04 GMT+01:00
To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Subject: Re: [harris-radio] password
Reply-To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>

You could try the PRC-138 one for giggles, I guess:
24458300
From: mailto:harris-radio@yahoogroups.com
Sent: Saturday, October 18, 2014 10:28 AM
To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Subject: [harris-radio] password

hello everyone, i managed to obtain a replacement SRAM chip for my RF23200 , but it did not make any difference. it seems that we need the security level or configuration password. the one from the web , 427748 was tried but did not work. does anyone know how i can get it ? alan G4GEN

=

2035. RE: [harris-radio] password

Yahoo group: harris-radio
Date: 2014-10-18 23:53:35 UTC
From: Roger Waldmiller
Topic: 2029 Message: 2035

Hi Alan:

Contact me direct.

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 18, 2014 1:28 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] password

hello everyone, i managed to obtain a replacement SRAM chip for my RF23200 ,
but it did not make any difference. it seems that we need the security level
or configuration password. the one from the web , 427748 was tried but did
not work. does anyone know how i can get it ? alan G4GEN

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2036. RE: [harris-radio] password

Yahoo group: harris-radio
Date: 2014-10-18 23:58:18 UTC
From: Roger Waldmiller
Topic: 2029 Message: 2036

That would be the case if the f/w is greater than 120F

If earlier than you Have to have a earlier list of passwords which used a different formular which is unknown.

Contact me directly to work this out.

Another way is to upgrade the f/w in U7 logic

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 18, 2014 4:59 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] password

I thought with a serial number of 1 it would be 42748, not 427748

Craig

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 18, 2014 3:14 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] password

As the "enemy" Alan, they will know.

(There again, who is the enemy?)

Mike B

On 18/10/2014 18:28, Alan Morriss mohawk@... [harris-radio] wrote:

hello everyone, i managed to obtain a replacement SRAM chip for my RF23200 , but it did not make any difference. it seems that we need the security level or configuration password. the one from the web , 427748 was tried but did not work. does anyone know how i can get it ? alan G4GEN

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http://www.avast.com

2037. Expand RF-5800HH freq range to cover 10 meters?

Yahoo group: harris-radio
Date: 2014-10-22 03:00:58 UTC
From: crcrane@...
Topic: 2037 Message: 2037

Has anyone ever heard of a mod to expand the frequency range of the RF5800 series units below 30 MHz? They would make great 10 meter ham rigs. A mere 500 kHz is all that's needed.

2038. RE: [harris-radio] Expand RF-5800HH freq range to cover 10 meters?

Yahoo group: harris-radio
Date: 2014-10-22 03:20:22 UTC
From: Richard Johnson
Topic: 2037 Message: 2038

The RF-5800 M MP is a commercial export non type 1 encryption version of the PRC-117F.
The 5800 does have a few options the 117 does not have as Uncle Sam cut them out to make them cheaper, IE non integrated GPS etc.
I have never heard of anything that would expand the RF range output of the radios. I would not mess with the firmware either, that is one special radio and getting parts would not be easy from Harris.
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Tue, 21 Oct 2014 20:00:58 -0700
Subject: [harris-radio] Expand RF-5800HH freq range to cover 10 meters?

Has anyone ever heard of a mod to expand the frequency range of the RF5800 series units below 30 MHz? They would make great 10 meter ham rigs. A mere 500 kHz is all that's needed.

2039. RE: [harris-radio] Expand RF-5800HH freq range to cover 10 meters?

Yahoo group: harris-radio
Date: 2014-10-22 03:36:48 UTC
From: crcrane@...
Topic: 2037 Message: 2039

If there were a working firmware uplift I would do it. 10 meters would be amazing in one of those things but I agree it's a bit scary.

Casey

2040. RE: [harris-radio] Expand RF-5800HH freq range to cover 10 meters?

Yahoo group: harris-radio
Date: 2014-10-22 04:20:16 UTC
From: Richard Johnson
Topic: 2037 Message: 2040

I prefer to have 10m or 27mgz for CB interface on the PRC-152 radios we use as well as the export model 5800M HH. That would be awesome to be able to do that. But there are reasons that the firmware doesn't do it, too big of a wave for multi band radios.
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Tue, 21 Oct 2014 20:36:48 -0700
Subject: RE: [harris-radio] Expand RF-5800HH freq range to cover 10 meters?

If there were a working firmware uplift I would do it. 10 meters would be amazing in one of those things but I agree it's a bit scary.
Casey

2041. Receipt of RF-382A controller kits

Yahoo group: harris-radio
Date: 2014-10-22 14:25:17 UTC
From: Paul Katz
Topic: 2041 Message: 2041

Its been over a month since I sent out the last of the RF-382A controller kits. Everyone should have received what they ordered by now. If not please let me know, all packages were insured. I'm also interested in how the controller worked out for you, good or bad. Hearing from only two people so far, I hope no news is good news.

73,
Paul, W5NTQ

2042. Re: [harris-radio] Receipt of RF-382A controller kits

Yahoo group: harris-radio
Date: 2014-10-22 14:28:43 UTC
From: Peter Gottlieb
Topic: 2041 Message: 2042

I received two, built one, but got busy and haven't had time to check it out.

Peter

On 10/22/2014 10:25 AM, Paul Katz paulnkatz@... [harris-radio] wrote:
>
> Its been over a month since I sent out the last of the RF-382A
> controller kits. Everyone should have received what they ordered by
> now. If not please let me know, all packages were insured. I'm also
> interested in how the controller worked out for you, good or bad.
> Hearing from only two people so far, I hope no news is good news.
>
> 73,
> Paul, W5NTQ
>
>

2043. RF-382A controller project

Yahoo group: harris-radio
Date: 2014-10-24 01:52:51 UTC
From: W2HX
Topic: 1952 Message: 2043

Hello all,

I am in the process of reviewing the kit from W5NTQ. For whatever reason, I had some difficulty understanding how/where to apply power to the PCB and the coupler itself. After much back and forth, Paul was kind enough to help me "see the light." In case it might help anyone else, I've put together my suggestion of how it can be wired together. The diagram can be found here:

http://www.w2hx.com/x/RF-382/RF-382A-Suggested-External-Connections2.0.jpg

Hope it might help someone else.

73 Eugene W2HX

2044. Rf-3200 ALE Board

Yahoo group: harris-radio
Date: 2014-10-24 21:47:34 UTC
From: jm24u@...
Topic: 2044 Message: 2044

I have a new ALE board for The Harris RF 3200 series transceivers. If you are interested please email. jm24u@aol.com

2045. RE: [harris-radio] Rf-3200 ALE Board

Yahoo group: harris-radio
Date: 2014-10-25 00:53:58 UTC
From: Roger Waldmiller
Topic: 2044 Message: 2045

Hi (jm24u)

It would be good to know what the part number of the ALE bd is .

There are 2 ALE bds for the 3200 radios , 1 is for the E model and the other is for the older 3200’s

They are NOT interchangeable.

They are 10212-7000 and 10212-7750.

What do you have ?

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, October 24, 2014 5:48 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Rf-3200 ALE Board

I have a new ALE board for The Harris RF 3200 series transceivers. If you are interested please email. jm24u@...

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2046. Re: [harris-radio] Rf-3200 ALE Board

Yahoo group: harris-radio
Date: 2014-10-25 15:34:00 UTC
From: Jm24u
Topic: 2044 Message: 2046

Hi Roger,
I have the 10212-7000, new in the sealed package.

Jim

-----Original Message-----
From: 'Roger Waldmiller' waldrgr@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Fri, Oct 24, 2014 8:54 pm
Subject: RE: [harris-radio] Rf-3200 ALE Board

Hi (jm24u)
It would be good to know what the part number of the ALE bd is .
There are 2 ALE bds for the 3200 radios , 1 is for the E model and the other is for the older 3200’s
They are NOT interchangeable.
They are 10212-7000 and 10212-7750.

What do you have ?

Roger

Roger w
waldrgr@...
k4alphapapa
3200 ,2000,3230,
5000, 138, 3201
Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, October 24, 2014 5:48 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Rf-3200 ALE Board

I have a new ALE board for The Harris RF 3200 series transceivers. If you are interested please email. jm24u@aol.com

This email is free from viruses and malware because avast! Antivirus protection is active.

2047. RE: [harris-radio] Rf-3200 ALE Board

Yahoo group: harris-radio
Date: 2014-10-25 23:47:04 UTC
From: Roger Waldmiller
Topic: 2044 Message: 2047

Hi Jim:

OK 10212-7000 id for all the older 3200 NON E.

I will talk to an E but only with IDs as a 3digit number starting at 100.

Did an OPTION STARTER KIT come with it??

The starter kit has the parts to install it in the OPTION bay tray.

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 25, 2014 11:34 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Rf-3200 ALE Board

Hi Roger,

I have the 10212-7000, new in the sealed package.

Jim

-----Original Message-----
From: 'Roger Waldmiller' waldrgr@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Fri, Oct 24, 2014 8:54 pm
Subject: RE: [harris-radio] Rf-3200 ALE Board

Hi (jm24u)

It would be good to know what the part number of the ALE bd is .

There are 2 ALE bds for the 3200 radios , 1 is for the E model and the other is for the older 3200’s

They are NOT interchangeable.

They are 10212-7000 and 10212-7750.

What do you have ?

Roger

Roger w

waldrgr@...

k4alphapapa

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com
<mailto:harris-radio@yahoogroups.com?>]
Sent: Friday, October 24, 2014 5:48 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Rf-3200 ALE Board

I have a new ALE board for The Harris RF 3200 series transceivers. If you are interested please email. jm24u@...

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<http://www.avast.com/> protection is active.

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http://www.avast.com

2048. AM-7176 Manuals

Yahoo group: harris-radio
Date: 2014-10-27 19:48:51 UTC
From: Brooke Clarke
Topic: 2048 Message: 2048

Hi:

I have an AM-7176 VHF/UHF aircraft RF amplifier that has an almost dead short at the DC input and am looking for manuals
for it.
http://www.prc68.com/I/AM-7176A.html

Mail_Attachment --
Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

2049. Harris rf601 for sale

Yahoo group: harris-radio
Date: 2014-10-29 14:16:43 UTC
From: William Houston
Topic: 2049 Message: 2049

I have for for sale a Harris RF 601antenna coupler with controller. Coupler is RF 601a/cu and controller
is RF 601a/c. Both appear to be in good condition, but I have no way to test. I do not have the interconnecting cable. These have been in storage for several years, and went with a RF 270
1 kw rig. There is a set of these on ebay now for $2k. I will take $1300 or best offer plus shipping.
They are located near Atlanta, and could be picked up at the Lawrenceville Hamfest this weekend.

https://sites.google.com/site/wd4luq/sell

2050. RF-590A Bottom cover

Yahoo group: harris-radio
Date: 2014-11-06 14:59:01 UTC
From: steve@...
Topic: 2050 Message: 2050

Does anyone have a spare bottom cover for an RF-590A they would part with?

Thanks,
Steve KD2OM

2051. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2014-11-08 15:17:13 UTC
From: harris-radio@yahoogroups.com
Topic: 1894 Message: 2051

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /LPF BOARD RELAY UPGRADE FOR RF-350K.doc
Uploaded by : n4be_jim <n4be_jim@...>
Description : I have developed a simple adapter board to allow replacement of the obsolete, scarce and failure-prone Aromat relays used on the Harris RF-350K LPF PWB with the newer Panasonic NC2D-P-DC12V relay. I would like to determine user interest in purchasing the adaptor board and relay mounted in order to determine fabrication costs and quantity discounts. Please reply or email with your interest and possible quantities.

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/harris-radio/files/LPF%20BOARD%20RELAY%20UPGRADE%20FOR%20RF-350K.doc

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

n4be_jim <n4be_jim@...>

2052. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2014-11-08 16:11:47 UTC
From: harris-radio@yahoogroups.com
Topic: 1894 Message: 2052

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /LPF BOARD RELAY UPGRADE FOR RF-350K.pdf
Uploaded by : n4be_jim <n4be_jim@...>
Description :

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/harris-radio/files/LPF%20BOARD%20RELAY%20UPGRADE%20FOR%20RF-350K.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

n4be_jim <n4be_jim@...>

2053. RF-5020 battery

Yahoo group: harris-radio
Date: 2014-11-11 23:00:04 UTC
From: W2HX
Topic: 2053 Message: 2053

Hello folks, only a few years ago I replaced the round battery on A6. Well this battery is once again dead. And yes, I thought I was somewhat diligent in removing JMP1 when the radio was stored. Regardless, I am worried about unsoldering/soldering the battery and the continued deterioration of the pads on the PCB from these replacement cycles.

Has anyone come up with a good way to handle this? I was thinking something like some pins here that will hold the battery and allow me to remove the battery. I also am thinking about an "outboard" battery holder with some wires to the a6 board. There is some space in the chassis where A9 would have been if I had an A9. But then I would need to figure out the best way to generate 3.9V or thereabouts.

Any suggestions?

73 Eugene W2HX

2054. Re: [harris-radio] RF-5020 battery

Yahoo group: harris-radio
Date: 2014-11-12 00:13:12 UTC
From: Peter Gottlieb
Topic: 2053 Message: 2054

I wonder why the battery drained so fast. I've had lithium thionyl cells which were over 10 years old, still on boards, with a solid voltage. You might want to check the drain in circuit, or perhaps the one you put in was old or defective.

On 11/11/2014 6:00 PM, 'W2HX' w2hx@... [harris-radio] wrote:
>
> Hello folks, only a few years ago I replaced the round battery on A6. Well
> this battery is once again dead. And yes, I thought I was somewhat diligent in
> removing JMP1 when the radio was stored. Regardless, I am worried about
> unsoldering/soldering the battery and the continued deterioration of the pads
> on the PCB from these replacement cycles.
>
> Has anyone come up with a good way to handle this? I was thinking something
> like some pins here that will hold the battery and allow me to remove the
> battery. I also am thinking about an ?outboard? battery holder with some wires
> to the a6 board. There is some space in the chassis where A9 would have been
> if I had an A9. But then I would need to figure out the best way to generate
> 3.9V or thereabouts.
>
> Any suggestions?
>
> 73 Eugene W2HX
>
>

2055. RE: [harris-radio] RF-5020 battery

Yahoo group: harris-radio
Date: 2014-11-12 01:05:45 UTC
From: W2HX
Topic: 2053 Message: 2055

Yes, I don't know. I don't really know how long these batteries are expected to last. There is a jumper on the board that when removed, disconnects the battery. I thought I was diligent with that. Maybe the best approach (albeit potentially difficult/impossible) would be to replace the RAM with non-volatile ram. I don't know if they make pin-for-pin compatible NVRAM.

Well, after I wrote that last sentence, I decided to look at the schematic to see whats what. It appears that the only chip using the battery is the Real Time Clock (MC146818) chip. This is to keep the time of day information. But I knew that other information is remembered as well like channel memory and other radio configuration data. So I looked up the RTC datasheet and it appears there is also 50 bytes of user RAM that is maintained by the battery. I wonder if the CPU is storing that stuff there? A little research uncovers a Dallas Semiconductor DS1287 which is said to be pin compatible with the MC146818. It claims to have 10 years of operation in the absence of power. I wonder if this would be a good substitution?

Then there is the front panel which has its own battery backup. Looking at A20/front panel, the battery powers a 6264 chip which is an 8k X 8 static ram chip. But the manual I have does not explain what exactly is stored in U8 (battery backed up static RAM). I have not changed the battery in the front panel. Recently the radio has been losing its memory when I turned it off which is what prompted me to look at the A6 battery. I should also check the front panel battery. I did find a company that makes an NVRAM version of the 6264 which I might try. This could eliminate the risk of the battery leaking and irreparably damaging the PCB.

Hmm!

73 Eugene W2HX

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, November 11, 2014 7:13 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF-5020 battery

I wonder why the battery drained so fast. I've had lithium thionyl cells which were over 10 years old, still on boards, with a solid voltage. You might want to check the drain in circuit, or perhaps the one you put in was old or defective.

On 11/11/2014 6:00 PM, 'W2HX' w2hx@... [harris-radio] wrote:
>
> Hello folks, only a few years ago I replaced the round battery on A6.
> Well this battery is once again dead. And yes, I thought I was
> somewhat diligent in removing JMP1 when the radio was stored.
> Regardless, I am worried about unsoldering/soldering the battery and
> the continued deterioration of the pads on the PCB from these replacement cycles.
>

> Has anyone come up with a good way to handle this? I was thinking
> something like some pins here that will hold the battery and allow me
> to remove the battery. I also am thinking about an "outboard" battery
> holder with some wires to the a6 board. There is some space in the
> chassis where A9 would have been if I had an A9. But then I would need
> to figure out the best way to generate 3.9V or thereabouts.
>
> Any suggestions?
>
> 73 Eugene W2HX
>
>

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Yahoo Groups Links

2056. unknow harris board

Yahoo group: harris-radio
Date: 2014-11-12 04:49:07 UTC
From: L Ritta
Topic: 2056 Message: 2056

Hello All

I have a harris board but have no idea what equipment it's from however it
has mc2681p duart and the part number etc is

14304 assy 10121-6390/6399d any ideas?

73's Lee.

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2057. Re: [harris-radio] unknow harris board

Yahoo group: harris-radio
Date: 2014-11-12 06:07:18 UTC
From: Claus Hanke
Topic: 2056 Message: 2057

Hi Lee,
I think the board is part of the RF-1310A exciter's system interface (PA). There are two boards, one with the CPU and the actual interface board which is specific for the system the exciter is in. I have a 10121-6400 in mine, also has a 2681 duart on it.
Claus
KI6KYK

> On Nov 11, 2014, at 8:49 PM, 'L Ritta' vk5abc@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
>
>
> Hello All
>
> I have a harris board but have no idea what equipment it’s from however it has mc2681p duart and the part number etc is
>
> 14304 assy 10121-6390/6399d any ideas?
>
>
>
>
>
> 73’s Lee.
>
>
>
>
> This email is free from viruses and malware because avast! Antivirus protection is active.
>
>
>

2058. RE: [harris-radio] RF-5020 battery

Yahoo group: harris-radio
Date: 2014-11-12 19:51:51 UTC
From: steve@...
Topic: 2053 Message: 2058

I remember on the RF-5020 sometimes the current draw on the battery would be too high on startup. There was a fix but I don't remember what it was. Perhaps Roger remembers. I have seen people using 3 AA cells in a holder. Use a series diode to drop the voltage from the 4.5 to 3.8 which is close enough. That would save the solder pads.

Steve KD2OM

2059. Re: [harris-radio] unknow harris board

Yahoo group: harris-radio
Date: 2014-11-12 20:07:18 UTC
From: steve@...
Topic: 2056 Message: 2059

The 6390 board is for one of the solid state amplifiers of the RF-1110 series The 6400 is for the RF-1110C The tube amplifiers used a 5 wire code for control, as well as the first version of the 1110. The newer amps all use serial control.

Steve KD2OM

2060. RE: [harris-radio] RF-5020 battery

Yahoo group: harris-radio
Date: 2014-11-12 20:45:36 UTC
From: Roger Waldmiller
Topic: 2053 Message: 2060

I do not remember a fix , only that when the bd was stored in spares , the battery jumper was opened.

I have seen what Steve mentioned ,various other batteries connected

Roger

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, November 12, 2014 2:52 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RF-5020 battery

I remember on the RF-5020 sometimes the current draw on the battery would be too high on startup. There was a fix but I don't remember what it was. Perhaps Roger remembers. I have seen people using 3 AA cells in a holder. Use a series diode to drop the voltage from the 4.5 to 3.8 which is close enough. That would save the solder pads.

Steve KD2OM

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2061. RE: [harris-radio] RF-5020 battery

Yahoo group: harris-radio
Date: 2014-11-12 22:46:56 UTC
From: W2HX
Topic: 2053 Message: 2061

Thanks to Roger and Steve for their input on this subject. I have abandoned my idea of using a replacement RTC that has a built-in battery. I have done some extensive reading that although these batteries last 10 years, the manufacturer hasn’t made them in about 10 years so they are likely to not last long.

So I’ve decided I will try the external battery idea. The dsatasheet on the MC146818 says it runs on 3-6V. There is one .7V diode drop in series with the battery. So I will need at least 3.7V. The circuit shows a 1K ohm resistor (R34) in series with the battery. I wonder what this is for and if I use a higher voltage than the original 3.9V if I would need to change that number.

I am thinking of using a dual CR2032 battery holder like this:
http://www.adafruit.com/product/783

After the diode, that should give me 5.3V. Should I drop this more with another diode? Or will the resistor drop some for me? Here is the schematic:

[cid:image001.png@01CFFEA0.923BF8A0]

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, November 12, 2014 3:46 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RF-5020 battery

I do not remember a fix , only that when the bd was stored in spares , the battery jumper was opened.
I have seen what Steve mentioned ,various other batteries connected

Roger

Roger w
waldrgr@...<mailto:waldrgr@...>
k4alphapapa(harris-yahoo ID)
3200 ,2000,3230,
5000, 138, 3201
Rochester NY USA

From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
[mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, November 12, 2014 2:52 PM
To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Subject: RE: [harris-radio] RF-5020 battery

I remember on the RF-5020 sometimes the current draw on the battery would be too high on startup. There was a fix but I don't remember what it was. Perhaps Roger remembers. I have seen people using 3 AA cells in a holder. Use a series diode to drop the voltage from the

4.5 to 3.8 which is close enough. That would save the solder pads.

Steve KD2OM

_____
[http://static.avast.com/emails/avast-mail-stamp.png]<http://www.avast.com/>

This email is free from viruses and malware because avast!
Antivirus<http://www.avast.com/> protection is active.

[Non-text portions of this message have been removed]

2062. Re: RF-5020 battery

Yahoo group: harris-radio
Date: 2014-11-13 12:37:02 UTC
From: Tisha Hayes
Topic: 2053 Message: 2062

What might be a solution would be to install a rechargeable NiMH or LiPro battery with a tiny trickle charge circuit with a resistor, a diode in series to keep the battery from feeding back into the +5 V supply and maybe a zener/ resistor across the battery to keep it from overcharging.

When the radio is on there will be a few milliamps of charge current, keeping the battery topped off. When the radio is off the battery would feed the backup power to memory.

The resistor in series from 5 VDC could be sized to limit the charge current.

--
Ms. Tisha Hayes. AA4HA

""It is not because things are difficult that we dare not venture. It is because we dare not venture that they are difficult." -Seneca"

2063. Re: [harris-radio] Re: RF-5020 battery

Yahoo group: harris-radio
Date: 2014-11-13 13:11:52 UTC
From: Peter Gottlieb
Topic: 2053 Message: 2063

NiMH tend to have a higher than usual self-discharge so that would be most appropriate for a radio which gets regular use. I still prefer something like a Tadiran TL-5902/T or the remotely mounted three AA cells.

Peter

> On Nov 13, 2014, at 7:37 AM, Tisha Hayes Tisha.Hayes@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> What might be a solution would be to install a rechargeable NiMH or LiPro battery with a tiny trickle charge circuit with a resistor, a diode in series to keep the battery from feeding back into the +5 V supply and maybe a zener/ resistor across the battery to keep it from overcharging.
>
> When the radio is on there will be a few milliamps of charge current, keeping the battery topped off. When the radio is off the battery would feed the backup power to memory.
>
> The resistor in series from 5 VDC could be sized to limit the charge current.
>
> --
> Ms. Tisha Hayes. AA4HA
>
> ""It is not because things are difficult that we dare not venture. It is because we dare not venture that they are difficult." -Seneca"
>

2064. rf-5000

Yahoo group: harris-radio
Date: 2014-11-13 22:05:30 UTC
From: dave
Topic: 2064 Message: 2064

is there a op-manual and svc manual for the rf-5000 somewhere on the web.

thanks dave k7da

2065. RE: [harris-radio] rf-5000

Yahoo group: harris-radio
Date: 2014-11-14 16:29:23 UTC
From: Roger Waldmiller
Topic: 2064 Message: 2065

Hi Dave:

You did not say whether you have a RF5020 or RF5022 Or Rf5022E

They are all different in operation.

Roger

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, November 13, 2014 5:06 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] rf-5000

is there a op-manual and svc manual for the rf-5000 somewhere on the web.

thanks dave k7da

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2066. Re: [harris-radio] rf-5000

Yahoo group: harris-radio
Date: 2014-11-14 17:08:40 UTC
From: dave
Topic: 2064 Message: 2066

hi roger.

the label says 5020r/e

dave

On 11/14/2014 8:29 AM, 'Roger Waldmiller' waldrgr@...
[harris-radio] wrote:
>
>
> Hi Dave:
>
> You did not say whether you have a RF5020 or RF5022 Or Rf5022E
>
> They are all different in operation.
>
> Roger
>
>

2067. Tisha.Hayes 1

Yahoo group: harris-radio
Date: 2014-11-22 06:31:17 UTC
From: Tisha.Hayes
Topic: 2067 Message: 2067

http://capacitacionsla.rrzconsulting.com/co/ojyehrmxkmubdnvckzypcxobv.cruobxfgdmtxhtntaa

Tisha.Hayes

2068. Re: Tisha.Hayes 1

Yahoo group: harris-radio
Date: 2014-11-23 15:57:18 UTC
From: Tisha Hayes
Topic: 2067 Message: 2068

That is SPAM, do not open it

--
Ms. Tisha Hayes. AA4HA

""It is not because things are difficult that we dare not venture. It is because we dare not venture that they are difficult." -Seneca"

2069. Re: [harris-radio] Re: Tisha.Hayes 1

Yahoo group: harris-radio
Date: 2014-11-23 17:33:12 UTC
From: N2CKH
Topic: 2067 Message: 2069

Hi Tisha,

I moderated that in another forum your system spammed. I had meant to
reject and send you a message but lack of sleep and fast fingers ruled the day.

/s/ Steve, N2CKH

At 10:57 AM 11/23/2014, you wrote:
>
>
>That is SPAM, do not open it
>
>--
>Ms. Tisha Hayes. AA4HA
>
>""It is not because things are difficult that we dare not venture.
>It is because we dare not venture that they are difficult." -Seneca"
>
>
>----------
>Posted by: Tisha Hayes <tisha.hayes@...>

2070. WTB 10535-0720 cable

Yahoo group: harris-radio
Date: 2014-11-28 20:19:08 UTC
From: papakb@...
Topic: 2070 Message: 2070

I'm looking for a 10535-0720 cable in any length or condition.

Thanks, please pm if you can help me.

2071. RE: [harris-radio] WTB 10535-0720 cable

Yahoo group: harris-radio
Date: 2014-11-28 22:15:34 UTC
From: W2HX
Topic: 2070 Message: 2071

What is it used for? Between what devices?

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, November 28, 2014 3:19 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] WTB 10535-0720 cable

I'm looking for a 10535-0720 cable in any length or condition.

Thanks, please pm if you can help me.

2072. RE: [harris-radio] WTB 10535-0720 cable

Yahoo group: harris-radio
Date: 2014-11-29 17:05:19 UTC
From: papakb@...
Topic: 2070 Message: 2072

This cable is the interconnect between the RT and the PA in the VRC-104 system.

2073. Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Yahoo group: harris-radio
Date: 2014-12-03 07:03:35 UTC
From: stokespeter@...
Topic: 1451 Message: 2073

Did anyone ever come up with the programming manual? I am looking for a soft-copy. I did get a pdf of the level three maint manual but it is not helpful for either the programming or operations.

2074. Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Yahoo group: harris-radio
Date: 2014-12-03 19:13:07 UTC
From: strandbiker1@...
Topic: 1451 Message: 2074

I am still looking for a soft copy (PDF) of any 5022 manuals.

Skip KD6JA

2075. RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Yahoo group: harris-radio
Date: 2014-12-03 20:29:48 UTC
From: Roger Waldmiller
Topic: 1451 Message: 2075

HI Skip KD6JA

I may be able to help….

Contact me direct

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, December 03, 2014 2:13 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

I am still looking for a soft copy (PDF) of any 5022 manuals.

Skip KD6JA

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2076. RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Yahoo group: harris-radio
Date: 2014-12-05 23:49:31 UTC
From: strandbiker1@...
Topic: 1451 Message: 2076

Hello Roger! I got the manual on PDF. Thank you for your help!

Skip KD6JA

2077. Re: [harris-radio] RF-5800M HH030, Falcon II

Yahoo group: harris-radio
Date: 2014-12-09 03:30:50 UTC
From: devnull@...
Topic: 1573 Message: 2077

Jason,

Please get a hold of me regarding the RF-310.

Thanks,
Will

2078. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2014-12-10 22:53:23 UTC
From: harris-radio@yahoogroups.com
Topic: 1894 Message: 2078

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /LPF BOARD RELAY UPGRADE FOR RF-350K UPDATE.pdf
Uploaded by : n4be_jim <n4be_jim@...>
Description : Update on the RF-350K LPF Board Relay Adapter and substitute. The final
pro-fabricated relay adapters are in.

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/harris-radio/files/LPF%20BOARD%20RELAY%20UPGRADE%20FOR
%20RF-350K%20UPDATE.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

n4be_jim <n4be_jim@...>

2082. Re: [harris-radio] harris prc 138

Yahoo group: harris-radio
Date: 2014-12-11 19:05:30 UTC
From: Brooke Clarke
Topic: 2081 Message: 2082

Hi Marco:

There's some information on my web page:
http://www.prc68.com/I/PRC138.html

Mail_Attachment --
Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
marcoturchetti@... [harris-radio] wrote:
>
>
> Hello everyone I'm trying harris prc138
>
> Help me
>
> 73de IV3GCI
>
> contact bauin2@...
>
>
>
>
>

2084. Re: [harris-radio] harris prc 138

Yahoo group: harris-radio
Date: 2014-12-11 21:11:33 UTC
From: Chance Wolf
Topic: 2081 Message: 2084

"Trying to buy" is what you're after. Mike Murphy had some but seems sold out, and wouldn't be able to ship to Italy anyway because everything has to have an EUC done now (and at work - movie industry - my employer categorically *refuses* to fill them out as a matter of principle/ protest...which just made my job a lot harder.) Failing that there's been a few on Ebay from England in the $3500 - $5500 price range from their WOTAN systems and a couple of dodgy offerings ex-marine environment based here...but you probably won't find a US vendor willing to sell stuff like that to a fellow overseas
Ham for fear of being thrown into Guantanamo because, apparently, everyone without a Social Security Number is now Osama Bin Laden. Personally I think that's unsupportable bullshit of the first rank, but I haven't been part of that system since AUTOVON :)

Sent from my iPhone. Probably because I'm outside wrestling wolves.

> On Dec 11, 2014, at 9:41 AM, marcoturchetti@... [harris-radio]
<harris-radio@yahoogroups.com> wrote:
>
> Hello everyone I'm trying harris prc138
> Help me
>
> 73de IV3GCI
> contact bauin2@...
>
>
>

2085. W5NTQ RF-382A Controller Kit

Yahoo group: harris-radio
Date: 2014-12-11 22:38:07 UTC
From: W2HX
Topic: 2085 Message: 2085

Hello all,

Just wanted to share some pictures of the recently completed PCB board.

http://www.w2hx.com/x/RF-382/W5NTQ/IMG_6060.JPG

and for a close up of the board in case it will help anyone with component placement and orientation:
http://www.w2hx.com/x/RF-382/W5NTQ/IMG_6061.JPG

And in case you are interested, the water tight enclosure used can be found here (I drilled and installed the cable gland):

http://www.mcmaster.com/#75895k35/=uzcvth

I have only finished soldering, so the next step is testing (keep your fingers crossed!)

73 Eugene W2HX

2086. Re: W5NTQ RF-382A Controller Kit

Yahoo group: harris-radio
Date: 2014-12-12 00:37:19 UTC
From: prcradio@...
Topic: 2085 Message: 2086

Are you going to put a bias Tee in the box and run power up the coax?
Mike

2087. RE: [harris-radio] Re: W5NTQ RF-382A Controller Kit

Yahoo group: harris-radio
Date: 2014-12-12 01:08:44 UTC
From: W2HX
Topic: 2085 Message: 2087

Hi Mike. No, I don’t plan to do that. I already have DC power out by where the controller will live.

And since several gents have asked, here is the backside solder job.
http://www.w2hx.com/x/RF-382/W5NTQ/IMG_6065.JPG

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, December 11, 2014 7:37 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: W5NTQ RF-382A Controller Kit

Are you going to put a bias Tee in the box and run power up the coax?
Mike

2090. prc-138 ALE programming

Yahoo group: harris-radio
Date: 2014-12-16 02:23:45 UTC
From: ke4jko@...
Topic: 2090 Message: 2090

Hi all:

I'm unable to program the individual address (using 123) in my prc-138. it will accept 123; however, when attempting to place the radio in ALE mode, it ask for INV id again. What the heck I'm I doing wrong?

Tom
KE4JKO

2091. Re: prc-138 ALE programming

Yahoo group: harris-radio
Date: 2014-12-16 03:00:40 UTC
From: steve@...
Topic: 2090 Message: 2091

Tom,
Not knowing how much you know about ALE, have you programmed a channel group, Added your self address which also must be 3 characters for the first self. Associated the self to both the the channel group and the other addresses you wich to link to?

Although I don't condone publishing of copyrighted manuals here is a link with information on operating and programming.
http://www.w2hx.com/x/PRC-138/docs/31575405-General-Manual-for-PRC-138-Harris-RF-5200.pdf
http://www.w2hx.com/x/PRC-138/docs/31575405-General-Manual-for-PRC-138-Harris-RF-5200.pdf

If you already know this information, I am sorry.

73
Steve KD2OM/NNN0HSB

2092. R: [harris-radio] Re: prc-138 ALE programming

Yahoo group: harris-radio
Date: 2014-12-16 07:00:05 UTC
From: federico_baldi@alice.it
Topic: 2092 Message: 2092

Hi to All, thanks to Steve KD2OM/NNN0HSB for the information but for me the link to w2hx page don't work, it is a my problem? Also I should like to work ALE with my PRC-138. Thanks. Federico IZ1FID

----Messaggio originale----

Da: harris-radio@yahoogroups.com

Data: 16-dic-2014 4.00

A: <harris-radio@yahoogroups.com>

Ogg: [harris-radio] Re: prc-138 ALE programming

----Messaggio originale----

Da: harris-radio@yahoogroups.com

Data: 16-dic-2014 4.00

A: <harris-radio@yahoogroups.com>

Ogg: [harris-radio] Re: prc-138 ALE programming

Tom,
Not knowing how much you know about ALE, have you programmed a channel group, Added your self address which also must be 3 characters for the first self. Associated the self to both the the channel group and the other addresses you wich to link to?

Although I don't condone publishing of copyrighted manuals here is a link with information on operating and programming.
http://www.w2hx.com/x/PRC-138/docs/31575405-General-Manual-for-PRC-138-Harris-RF-5200.pdf

If you already know this information, I am sorry.

73
Steve KD2OM/NNN0HSB

-->

2093. Harris in Australia

Yahoo group: harris-radio
Date: 2014-12-16 09:37:15 UTC
From: Michael Buckley
Topic: 2092 Message: 2093

I see from some Harris advertising that Harris seems to have moved in with the Australians - Army I guess?

Is this new ground, or have they been there already?

Mike B

>

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

2094. Re: prc-138 ALE programming

Yahoo group: harris-radio
Date: 2014-12-16 12:35:01 UTC
From: seastar@...
Topic: 2090 Message: 2094

The radio will accept no duplication of addresses.

It sounds like you entered 123 as your Self address (because it is not asking for 1-3 char Self), which is fine. The Self Address must be between 1 and 3 characters long (for the first one; you can use up to 20 addresses) any other address you use for your station can be up to 15 characters long.

Now it is asking for Individuals (INV) to whom you will connect. These address must be unique. Up to 200 stations, addresses up to 15 characters long

If you want to use 123 as a station to call, you must change your Self address to something else. If you used 123 as a self address because you misunderstood the instructions, simply delete it and start over with the addresses you want to use. Just remember the requirement from my first paragraph; the first self address can be no longer than 3 characters.

Mark
N2FYS

2095. Re: R: [harris-radio] Re: prc-138 ALE programming

Yahoo group: harris-radio
Date: 2014-12-16 12:43:16 UTC
From: seastar@...
Topic: 2092 Message: 2095

The link that Steve posted doesn't contain any information.

However, teh link to the RF-5000 version of ALE, RF-5121ALE, contains the same programming info.

http://www.w2hx.com/x/RF-5000/docs/RF-5121ALE.pdf
http://www.w2hx.com/x/RF-5000/docs/RF-5121ALE.pdf

Actually, ALE is a MIL-STD mode, so if you find programming info anywhere, it should tell you the same things.

This link looks like it is complete, and the info applies also to the PRC-138.

Mark
N2FYS

2096. Re: Harris in Australia

Yahoo group: harris-radio
Date: 2014-12-16 13:54:41 UTC
From: steve@...
Topic: 2092 Message: 2096

They have been there a number of years.

Steve KD2OM/NNN0HSB

2097. Re: R: [harris-radio] Re: prc-138 ALE programming

Yahoo group: harris-radio
Date: 2014-12-16 13:56:20 UTC
From: steve@...
Topic: 2092 Message: 2097

Mark,
At nearly the end of the document there is ALE programming information.

73
Steve KD2OM/NNN0HSB

2098. RF-350K PTT Pop After LPF Relay Dry Switching Mod

Yahoo group: harris-radio
Date: 2014-12-16 15:25:04 UTC
From: n4be_jim@...
Topic: 2098 Message: 2098

I have done the mod to the LPF board described elsewhere (adding a resistor and choke to insert a small amount of current into the relay contacts) and it indeed seems to clean up the relay contacts over time, but I now notice loud pop in the speaker when releasing the PTT button. It's not a major issue, but the "pop" does pump the AGC up when releasing the mic PTT. I removed the mod (actually just the resistor) and the pop appears to be gone now. So I will leave it off for a while until the relays start having oxidation troubles again then maybe add it back. Apparently the mod puts voltage on a relay at the RF input to the receiverwhich results in the transient "pop".
Jim N4BE

2099. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2014-12-16 21:39:48 UTC
From: harris-radio@yahoogroups.com
Topic: 1894 Message: 2099

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /RF-350K Relay Adapter Price and Instructions.pdf
Uploaded by : n4be_jim <n4be_jim@...>
Description : RF-350K LPF Relay Adapter pricing options and ordering information

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/harris-radio/files/RF-350K%20Relay%20Adapter%20Price%20and%20Instructions.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

n4be_jim <n4be_jim@...>

2100. RF-350K LPF Relay Adapter pricing options and ordering information

Yahoo group: harris-radio
Date: 2014-12-16 21:39:10 UTC
From: n4be_jim@...
Topic: 2100 Message: 2100

Just uploaded RF-350K LPF Relay Adapter pricing options and ordering information and install instructions. Comments/questions are welcomed.

Jim N4BE

2101. Re: [harris-radio] Re: prc-138 ALE programming

Yahoo group: harris-radio
Date: 2014-12-16 06:35:37 UTC
From: Stuart Mckinnon
Topic: 2090 Message: 2101

404 page error Not found !!!

Stuart
G0TBI

-----Original Message-----

From: steve@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Tue, 16 Dec 2014 3:00
Subject: [harris-radio] Re: prc-138 ALE programming

Tom,
Not knowing how much you know about ALE, have you programmed a channel group, Added your self address which also must be 3 characters for the first self. Associated the self to both the the channel group and the other addresses you wich to link to?

Although I don't condone publishing of copyrighted manuals here is a link with information on operating and programming.
http://www.w2hx.com/x/PRC-138/docs/31575405-General-Manual-for-PRC-138-Harris-RF-5200.pdf

If you already know this information, I am sorry.

73
Steve KD2OM/NNN0HSB

2102. Re: [harris-radio] Harris in Australia

Yahoo group: harris-radio
Date: 2014-12-16 13:23:35 UTC
From: Stuart Mckinnon
Topic: 2092 Message: 2102

New ground Mike

harris was the chosen supplier for Bowman Equivalent for the Aus DoD, following on from Project Raven

Stuart
TBI

-----Original Message-----
From: Michael Buckley M1CCF@... [harris-radio] <harris-radio@yahoogroups.com>
To: undisclosed-recipients:;
Sent: Tue, 16 Dec 2014 9:37
Subject: [harris-radio] Harris in Australia

I see from some Harris advertising that Harris seems to have moved in with the Australians - Army I guess?

Is this new ground, or have they been there already?

Mike B

This email has been checked for viruses by Avast antivirus software.
www.avast.com

2103. 125 watt amp

Yahoo group: harris-radio
Date: 2014-12-21 03:51:09 UTC
From: Stuartjmckinnon@...
Topic: 2103 Message: 2103

Group

I am in the process of trying to obtain some cables for my Harris 5000 and 5022 plus the two 125 watt amps, bu in the meantime, I may want to connect up one of the amps to my RT-138, do i have to put a jumper cable anywhere, if there is no 382/coupler in circuit, for test purposes, i just want to feed a resonant dipole on 80 mtrs, can this be done?

BTW

These are the cables and other bits I am looking for:

10181-9822 RT - PA Control assembly

10181-9823 PA - Coupler Control cable Assembly

10181-9826 125 Watt PA DC Power cable Assembly

Also if anyone knows the whereabouts of a RF-5051PS-125

Stuart

Compliments of the season to all

2104. Re: [harris-radio] Re: Harris in Australia

Yahoo group: harris-radio
Date: 2014-12-16 13:57:44 UTC
From: Stuart Mckinnon
Topic: 2092 Message: 2104

Well Steve

As of fed 2013 RASIGS still had Raven, and they were telling me they were expecting Harris kit, not yet assigned?

Stuart
G0TBI

-----Original Message-----
From: steve@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Tue, 16 Dec 2014 13:54
Subject: [harris-radio] Re: Harris in Australia

They have been there a number of years.

Steve KD2OM/NNN0HSB

2105. Harris Cables ?

Yahoo group: harris-radio
Date: 2014-12-13 21:11:28 UTC
From: Stuartjmckinnon@...
Topic: 2105 Message: 2105

Hi Group

Looking for the following if anyone can help:

10181-9822 RT - PA Control assembly

10181-9823 PA - Coupler Control cable Assembly

10181-9826 125 Watt PA DC Power cable Assembly

Also if anyone knows the whereabouts of a RF-5051PS-125

I would be interested please respond direct to stuartjmckinnon(at)aol.com

Many thanks and a Happy Christmas to all

Stuart J Mckinnon
G0TBI

2106. Harris RF5022 R/T help me and informations.

Yahoo group: harris-radio
Date: 2014-12-21 22:46:47 UTC
From: mbchagasl@...
Topic: 2106 Message: 2106

Hello good night,I am Bruno of Brazil and acquiring a radio and I am in need of manual HARRIS RF-5022R/RF5000B/Amplifier 400W manuals ,operating,maintenance and advanced maintenance in PDF or other media you have and it would be possible available this manual for me because I am with much difficult to find this manual would be possible you help me?

already unlocked the radio
https://www.youtube.com/watch?v=KgCYlXg9mnc&list=UU18GhUcUltKJuDYrE6n_HrQ
https://www.youtube.com/watch?v=KgCYlXg9mnc&list=UU18GhUcUltKJuDYrE6n_HrQ

Thank you for your help and attention.

Best regards,

Bruno Schagas.

2108. Re: [harris-radio] Re: prc-138 ALE programming

Yahoo group: harris-radio
Date: 2014-12-22 13:57:37 UTC
From: steve@...
Topic: 2090 Message: 2108

Sorry Stuart,
It was there when I sent the reply. W2HX, Eugene is a member here, perhaps he can send you the file.

Steve KD2OM

2109. RF-5022R/T(E) VSMR?

Yahoo group: harris-radio
Date: 2014-12-23 04:11:12 UTC
From: mbchagasl@...
Topic: 2109 Message: 2109

Hello good night,I did the SWR test with average power and gave it,The VSWR test should not show the value of Watts and the of VSWR mine is not showing and also the power watts option to configure does not show 50,100,200,400 "LOW-MED-HIGH".

Radio assembly:RF-5022R/T(E) - RF-5034PA 400W and dipole antenna band 40 meters.

Thanks.
https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/1782765997?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1782765997 https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/1782765997?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1782765997

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/809644245?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/809644245 https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/809644245?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/809644245

2110. RE: [harris-radio] RF-5022R/T(E) VSMR?

Yahoo group: harris-radio
Date: 2014-12-23 04:42:04 UTC
From: Richard Johnson
Topic: 2109 Message: 2110

You either do not have enough amps of power to your system to do a vswr test, the test is always done on full power, or you are not putting out any power.

When my 400w 5022 started doing weird stuff it turned out it was bad filtering on the power supply. A smaller power supply was tested but could not do a vswr test because not enough amps to test at full power.

If you are not putting out any power, then either the 5022 is not putting out any watts to stimulate the 400 watt amp, or the Amp is not working.
Try putting a watt meter inline between the 5022 and the amp and key the radio, let it tune and then key it down and whistle into the mic. Make sure you have a dummy load or an antenna hooked up.

As far as power goes, make sure you have 50 amps at 28 volts supplied to the 400 watt amp.

Good luck
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Mon, 22 Dec 2014 20:11:12 -0800
Subject: [harris-radio] RF-5022R/T(E) VSMR?

Hello good night,I did the
SWR test with average power and gave it,The VSWR test should not show the value of Watts and the of VSWR mine is not showing and also the power watts option to configure does not show 50,100,200,400 "LOW-MED-HIGH".

Radio assembly:RF-5022R/T(E) - RF-5034PA 400W and dipole antenna band 40 meters.

Thanks.
https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/1782765997?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1782765997

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/809644245?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/809644245

2111. Re: RF-5022R/T(E) VSMR?

Yahoo group: harris-radio
Date: 2014-12-23 14:46:04 UTC
From: steve@...
Topic: 2109 Message: 2111

You also have what looks like house wire between the power supplies, with only 2 wires connected. All four connections should be made with large gauge wire. As Richard says the VSWR test is at full power which requires a lot of current.
You can tell if the VSWR is bad when you key the R/T in cw mode at low power. If you get no VSWR warning, the SWR is close enough.

Another test that can be done is to check if all the modules report. Test Version should show Module 30 with a Revision number below like 8640D

Steve KD2OM

2112. RE: [harris-radio] RF-5022R/T(E) VSMR?

Yahoo group: harris-radio
Date: 2014-12-23 14:54:50 UTC
From: Roger Waldmiller
Topic: 2109 Message: 2112

Hi :

The outputs of the 5020, 5022, 5022E transceivers is 100 MW (milliwatts) into the 125, 400 w PAs.

You could also ck the RT output directly to a 50ohm load RF voltmeter or watt meter with a 1w full scale meter.

Definitely connect the PA to a dummy load.

Use CW mode or SSB mode with audio input(mic or ext audio gen.)

It looks like the 2ea 5051's are connected for the 400w . Each 5051 should produce 35amps at 28vdc.

Regards

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, December 22, 2014 11:42 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RF-5022R/T(E) VSMR?

You either do not have enough amps of power to your system to do a vswr test, the test is always done on full power, or you are not putting out any power.

When my 400w 5022 started doing weird stuff it turned out it was bad filtering on the power supply. A smaller power supply was tested but could not do a vswr test because not enough amps to test at full power.

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As far as power goes, make sure you have 50 amps at 28 volts supplied to the 400 watt amp.

Good luck
Rich Johnson
KI6EZA

www.RichardSJohnson.net <http://www.richardsjohnson.net/>

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms."
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Mon, 22 Dec 2014 20:11:12 -0800
Subject: [harris-radio] RF-5022R/T(E) VSMR?

Hello good night,I did the SWR test with average power and gave it,The VSWR test should not show the value of Watts and the of VSWR mine is not showing and also the power watts option to configure does not show 50,100,200,400 "LOW-MED-HIGH".

Radio assembly:RF-5022R/T(E) - RF-5034PA 400W and dipole antenna band 40 meters.

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<https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/1782765997?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1782765997> &sortOrder=asc&photoFilter=ALL#zax/1782765997

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/809644245?orderBy=ordinal
<https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/809644245?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/809644245> &sortOrder=asc&photoFilter=ALL#zax/809644245

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2113. RE: [harris-radio] RF-5022R/T(E) VSMR?

Yahoo group: harris-radio
Date: 2014-12-23 17:11:57 UTC
From: mbchagasl@...
Topic: 2109 Message: 2113

Hi ok thank you very much.
https://www.youtube.com/watch?v=arKRFLbcUVA&feature=youtu.be
https://www.youtube.com/watch?v=arKRFLbcUVA&feature=youtu.be

Test - VSWR

POWER: ------- WATT
VSWR: --------- : 1

Because stay so is normal or only works with the coupler?

2114. RE: [harris-radio] RF-5022R/T(E) VSMR?

Yahoo group: harris-radio
Date: 2014-12-23 17:13:00 UTC
From: mbchagasl@...
Topic: 2109 Message: 2114

Hi ok thank you very much.
https://www.youtube.com/watch?v=arKRFLbcUVA&feature=youtu.be
https://www.youtube.com/watch?v=arKRFLbcUVA&feature=youtu.be

Test - VSWR

POWER: ------- WATT
VSWR: --------- : 1

Because stay so is normal or only works with the coupler?

2115. Re: RF-5022R/T(E) VSMR?

Yahoo group: harris-radio
Date: 2014-12-23 17:30:20 UTC
From: mbchagasl@...
Topic: 2109 Message: 2115

My module:

MODULE: 30
REVISION:8121K

Now what?

Thnaks.

2116. Re: RF-5022R/T(E) VSMR?

Yahoo group: harris-radio
Date: 2014-12-23 17:37:58 UTC
From: mbchagasl@...
Topic: 2109 Message: 2116

Hi ok thank you very much.
https://www.youtube.com/watch?v=arKRFLbcUVA&feature=youtu.be
https://www.youtube.com/watch?v=arKRFLbcUVA&feature=youtu.be

Test - VSWR

POWER: ------- WATT
VSWR: --------- : 1

Because stay so is normal or only works with the coupler?

2117. Re: RF-5022R/T(E) VSMR?

Yahoo group: harris-radio
Date: 2014-12-23 18:22:39 UTC
From: mbchagasl@...
Topic: 2109 Message: 2117

https://www.youtube.com/watch?v=_kKzCyRDS5w&feature=youtu.be
https://www.youtube.com/watch?v=_kKzCyRDS5w&feature=youtu.be

2118. Re: RF-5022R/T(E) VSMR?

Yahoo group: harris-radio
Date: 2014-12-23 20:09:14 UTC
From: steve@...
Topic: 2109 Message: 2118

That test shows that the radio is talking to the amplifier. You don't need a coupler to see the VSWR.

Mine shows 453 Watts 1:1 VSWR with a dummy load attached.

As someone suggested, attach a wattmeter to the output, in CW mode you should get 400 or so watts into 50 ohms.

If you have a low power RF meter, at full power you should see about 100 milliwatts into the PA keyed in CW.

You can also monitor the voltage at the input of the PA, it should not go below ~23 vdc key down in CW.

If all these test are correct, you have a problem with the VSWR bridge in the PA or a suspect control cable from RT to PA

Steve

2119. Re: RF-5022R/T(E) VSMR?

Yahoo group: harris-radio
Date: 2014-12-23 23:18:55 UTC
From: mbchagasl@...
Topic: 2109 Message: 2119

Hum ok thank you very much thanks.

I checked and changed all cables and still it is the same.

https://www.youtube.com/watch?v=_kKzCyRDS5w&list=UU18GhUcUltKJuDYrE6n_HrQ
https://www.youtube.com/watch?v=_kKzCyRDS5w&list=UU18GhUcUltKJuDYrE6n_HrQ

2120. Harris RF-3466A

Yahoo group: harris-radio
Date: 2014-12-24 01:54:45 UTC
From: Berndt Josef Wulf
Topic: 2120 Message: 2120

G'day,

Does anyone have a service manual for the Harris RF-3466A?

73, Berndt
VK5ABN

2121. WTB: Harris RF-654 Antenna Multicoupler

Yahoo group: harris-radio
Date: 2014-12-24 01:59:28 UTC
From: Berndt Josef Wulf
Topic: 444 Message: 2121

G'day,

Its been a while since I asked last time. I'm looking for a Harris RF-654 antenna multicoupler to complement my Harris installation....

Please contact me if you have one for sale or know someone that may want to part with it.

Seasons Greetings,

73, Berndt
VK5ABN

2122. Re: RF-5022R/T(E) VSMR?

Yahoo group: harris-radio
Date: 2014-12-24 13:08:56 UTC
From: seastar@...
Topic: 2109 Message: 2122

Something else to watch out for with this power supply configuration ...

The Power LED on the PS is connected to the +28 VDC line through the power switch. With the switch ON, if there is +28 V at the connector the LED will turn on. It doesn't matter if the +28 V came from this PS or the other PS. System will operate normally on one PS in LOW or MED power (not in HIGH). Turning off the PS switch to see if it is being sourced from the other PS won't work as the switch also disconnects the LED; you need to unplug each PS in turn to see if both LEDs remain lit. If the LEDs go out when you unplug, the Other PS is bad.

And 1 bad PS will prevent HIGH power operation (and fail VSWR test)

Mark
N2FYS

2123. Re: RF-5022R/T(E) VSMR?

Yahoo group: harris-radio
Date: 2014-12-24 13:53:02 UTC
From: steve@...
Topic: 2109 Message: 2123

You haven't said if you have connected a wattmeter to the output, keyed up CW in low or medium power to see if you have power out.

Steve KD2OM

2124. RE: [harris-radio] Harris Cables ?

Yahoo group: harris-radio
Date: 2014-12-24 20:19:58 UTC
From: W2HX
Topic: 2105 Message: 2124

I found a 20’ PA cable on ebay not too long ago. Was very lucky. I have the 150’ version for outdoor use, but 20’ is nice around the shack. I checked with the seller already, they don’t have any more ☹

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, December 13, 2014 4:11 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris Cables ?

Hi Group

Looking for the following if anyone can help:

10181-9822 RT - PA Control assembly

10181-9823 PA - Coupler Control cable Assembly

10181-9826 125 Watt PA DC Power cable Assembly

Also if anyone knows the whereabouts of a RF-5051PS-125

I would be interested please respond direct to stuartjmckinnon(at)aol.com

Many thanks and a Happy Christmas to all

Stuart J Mckinnon

G0TBI

2125. Tisha.Hayes

Yahoo group: harris-radio
Date: 2014-12-25 07:33:23 UTC
From: Tisha.Hayes
Topic: 2125 Message: 2125

http://businessapp.co.in/nptndkg/rvdwehgmudoawpfrycxuvaai.kdizlniptlbqibvlervcfdoldgsmbrgjxkv

Tisha.Hayes

2126. P7100 conversion from R11 Programmer to R18 RPM HELP

Yahoo group: harris-radio
Date: 2014-12-25 22:13:50 UTC
From: billclaburn@...
Topic: 2126 Message: 2126

Hello to the group.
Merry Christmas
I have a Harris P7100 that I am trying to convert from programme R11 Radbin file to RPM R18 Radbin file.
I have the R18 Radbin file and put it into the proper programming field (UPDATE WITH VERSION) but
I get a no go with "COULD NOT GET RADIO STATUS).
Can someone PLE$ASE HELP me?
Thanks
Bill

2127. RF-382A supply voltage and bias-T

Yahoo group: harris-radio
Date: 2014-12-26 18:13:39 UTC
From: Paul Katz
Topic: 2127 Message: 2127

The RF-382A is bullet proof except when the DC supply voltage goes below where its switching regulator cannot deal with the low voltage. Have been testing a bias-T supplying DC power over coax to the RF-382A and was having matching cycle problems. Never had any problems when I supplied DC power at the coupler and not gone through a Bias-T power via coax. The problem was caused by resistance of coax/connectors when trying to feed DC power through the coax with a resulting drop in voltage at the coupler. Check the DC loop resistance of the coax/connectors by shorting the center conductor and shield of the end of the coax at the coupler and measure the DC resistance between the center conductor and shield at the end of the coax at the station, you may be surprised. Asolution if using a bias-T to supply DC power to the coupler is to run the voltage higher at the power supply and put a big electrolytic capacitor (4700 mf) at the coupler bias-T. Since doing that I've had no matching cycle issues. The coupler will draw up to 2.5 amperes during a matching cycle. If the coax has a loop resistance of 2 ohms that is a big voltage drop at 2.5 amperes when supplying only 12-13 VDC to it. The coupler is spec'd to work from 10-32 VDC.

The RF-382A uses a switching power supply so it pulls the same power no matter what the supply voltage is at. Higher supply voltages will result in lower average current draw. When using a bias-T to power the coupler over coax there is no reason not to use a higher supply voltage, e.g,, 24-28 volts. That is what I am going to do and will also add a 14 VDC regulator (78L14) to the remote controller PCB. Also think a large electrolytic capacitor at the coupler bias-T is a good idea.

73,
Paul - W5NTQ

2128. A7 Power Module for PRC-138

Yahoo group: harris-radio
Date: 2014-12-27 02:01:43 UTC
From: Joseph Pinner
Topic: 1782 Message: 2128

Here is my periodic request for help getting my PRC-138 on the air. I bought it for use with my MARS station as it has built in ALE and Mil Data modes. I plan to use it in the field as well as at my fixed station as I have a Harris 125 W amp that is used with it.

I know that some of you have a spare A7 module but are hesitant to part with it. I hope that you will reconsider so that the PRC-138 I have can be made operational. It is ashamed that both are now on a shelf unused.

I am prepared to offer $ 500 for a working A7 Module.

I also have the following that we could use as part of a cash/trade deal if that were to be preferable.

PRC-117A Have one or two of each board as well as the rare TF-117 Maintenance Test Kit

PRC-119(*) A3272704-1 (5998-01-455-9641) processor board
A3266120-1 (5895-01-455-9642) panel keyboard
A3272536-1 (5998-01-455-9640) interface board
LST-5 1A5 Receive Module

--
Joseph Pinner
Kingston, TN

KC5IJD / NNN0PHR
Roane County OES 408

2129. Harris RF-5720 HF Modem

Yahoo group: harris-radio
Date: 2014-12-28 22:24:01 UTC
From: Joseph Pinner
Topic: 2129 Message: 2129

Well, my previous trouble with the modem was small compared to this.

Yesterday, I turned it on and display was blank.

Opened it up and pulled the Power Supply board and after visual and some other troubleshooting, found that the pico fuse was open.

Today I replaced the fuse and it blew again. Without more information, I cannot tell if is is a power supply issue or a short in the other modules.

Does anyone have schematics/maintenance information for the RF-5720?

--
Joseph Pinner
Kingston, TN

KC5IJD / NNN0PHR
Roane County OES 408

2130. Re: Harris RF-5720 HF Modem

Yahoo group: harris-radio
Date: 2014-12-29 14:11:30 UTC
From: n5lbz@...
Topic: 2129 Message: 2130

Joe I do not have one of these modems but you might try pulling all modules except for the Power supply. If the fuse still blows it's in the supply. If not reinsert one module at a time until the fuse goes. You have identified the problem module.

Stuart
N5LBZ

2131. M/A-com/harris p5100

Yahoo group: harris-radio
Date: 2014-12-29 16:42:34 UTC
From: fordtruck346@...
Topic: 2131 Message: 2131

Hi Group.I have A Question.I own a few M/A-Com p5100 800mhz radios non p25 I have had them awhile with no luck finding the software to program them.Would any one out there have the software to program them?I dont want them to be paper weights Thanks for your help. Bill

2132. RE: [harris-radio] M/A-com/harris p5100

Yahoo group: harris-radio
Date: 2014-12-29 20:09:38 UTC
From: Leon S. Ciereszko III
Topic: 2131 Message: 2132

Try <mailto:radio-programming@yahoogroups.com> radio-programming@yahoogroups.com. The purpose of the group is to find programming SW.

Lee N4TCW

Where's Lee?
<http://map.findu.com/n4tcw> http://map.findu.com/n4tcw

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, December 29, 2014 9:43 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] M/A-com/harris p5100

Hi Group.I have A Question.I own a few M/A-Com p5100 800mhz radios non p25 I have had them awhile with no luck finding the software to program them.Would any one out there have the software to program them?I dont want them to be paper weights Thanks for your help. Bill

---

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2015.0.5577 / Virus Database: 4257/8815 - Release Date: 12/26/14

2133. Re: Harris RF-5720 HF Modem

Yahoo group: harris-radio
Date: 2014-12-30 14:21:12 UTC
From: Tisha Hayes
Topic: 2129 Message: 2133

The module at a time way is a good attempt to isolate the problem. If you can get the problem just down to one module it will be easier to troubleshoot.

Initially I would suspect shorted capacitors. You may want to just check those to see if they are an obvious problem. That power supply is not going to like seeing repeated shorts when you are troubleshooting. Switching supplies react poorly and will let out their magic smoke packets if you do it too many times or are unlucky.

--
Ms. Tisha Hayes. AA4HA

""It is not because things are difficult that we dare not venture. It is because we dare not venture that they are difficult." -Seneca"

2134. Re: [harris-radio] Re: Harris RF-5720 HF Modem

Yahoo group: harris-radio
Date: 2014-12-30 15:27:12 UTC
From: Peter Gottlieb
Topic: 2129 Message: 2134

Yes, agreed. Far too many marginal power supply designs out there.

Once you've ruled out a power supply problem, best to find the shorted rail and use a bench supply set for lower voltage with current limit to do the repeated tests.

Also, if you pump a steady current (0.5 or 1 amp perhaps) you can use a DMM to locate where the short is by finding the point of lowest voltage between the voltage rail and power ground. That takes a little more practice though.

Peter

On 12/30/2014 9:21 AM, Tisha Hayes Tisha.Hayes@... [harris-radio] wrote:
> The module at a time way is a good attempt to isolate the problem. If you can
> get the problem just down to one module it will be easier to troubleshoot.
>
> Initially I would suspect shorted capacitors. You may want to just check those
> to see if they are an obvious problem. That power supply is not going to like
> seeing repeated shorts when you are troubleshooting. Switching supplies react
> poorly and will let out their magic smoke packets if you do it too many times
> or are unlucky.
>
> --
> Ms. Tisha Hayes. AA4HA
>
> /""It is not because things are difficult that we dare not venture. It is
> because we dare not venture that they are difficult." -Seneca"/
>

2135. Harris 5000 /5022 and 138

Yahoo group: harris-radio
Date: 2015-01-02 18:33:54 UTC
From: Stuartjmckinnon@...
Topic: 2135 Message: 2135

Guys

You know how it is, when you have an idea to Test one of your 125 watt amp's with the RT-138, whilst your awaiting the finding of coupler cables and PA cables for 5000 series to materialise, short of making them, I did have in my bag of Harris bits, a Grey workshop cable that has the 5 pin plug on, that of course fits the 125 watt amp, it has an open pair of wires Pos/neg on the end, can I find it !!

Please someone tell me the pin arrangements from 28v DC source @35aps contious to the amp input skt

Cheers

Waiting with Soldering iron, and suitable cable 2 meters in length !

Happy New Year, to one of my favourite Groups !

Stuart
G0TBI

2136. Re: [harris-radio] Harris Cables ?

Yahoo group: harris-radio
Date: 2014-12-24 20:47:20 UTC
From: Stuart Mckinnon
Topic: 2105 Message: 2136

Eugene

Thanks for thinking of me!

Stuart
G0TBI

Happy Christmas to all

-----Original Message-----
From: 'W2HX' w2hx@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Wed, 24 Dec 2014 20:20
Subject: RE: [harris-radio] Harris Cables ?

I found a 20’ PA cable on ebay not too long ago. Was very lucky. I have the 150’ version for outdoor use, but 20’ is nice around the shack. I checked with the seller already, they don’t have any more L

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, December 13, 2014 4:11 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris Cables ?

Hi Group

Looking for the following if anyone can help:

10181-9822 RT - PA Control assembly

10181-9823 PA - Coupler Control cable Assembly

10181-9826 125 Watt PA DC Power cable Assembly

Also if anyone knows the whereabouts of a RF-5051PS-125

I would be interested please respond direct to stuartjmckinnon(at)aol.com

Many thanks and a Happy Christmas to all

Stuart J Mckinnon
G0TBI

2137. RE: [harris-radio] Harris 5000 /5022 and 138

Yahoo group: harris-radio
Date: 2015-01-03 15:30:43 UTC
From: Richard Johnson
Topic: 2135 Message: 2137

Here is the power cable schematic
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms?"
Thomas Jefferson

From: harris-radio@yahoogroups.com
To: harris-radio@yahoogroups.com
Date: Fri, 2 Jan 2015 10:33:54 -0800
Subject: [harris-radio] Harris 5000 /5022 and 138

Guys

You know how it is, when you have an idea to Test one of your 125 watt amp's with the RT-138, whilst your awaiting the finding of coupler cables and PA cables for 5000 series to materialise, short of making them, I did have in my bag of Harris bits, a Grey workshop cable that has the 5 pin plug on, that of course fits the 125 watt amp, it has an open pair of wires Pos/neg on the end, can I find it !!

Please someone tell me the pin arrangements from 28v DC source @35aps contious to the amp input skt

Cheers

Waiting with Soldering iron, and suitable cable 2 meters in length !

Happy New Year, to one of my favourite Groups !

Stuart
G0TBI

[Non-text portions of this message have been removed]

2138. Re: [harris-radio] Harris 5000 /5022 and 138

Yahoo group: harris-radio
Date: 2015-01-03 17:52:33 UTC
From: Peter Stokes
Topic: 2135 Message: 2138

PIN A Shield GroundPIN B +26.4 SupplyPIN C Power GroundPIN D Power GroundPIN E +26.4 Supply

On Saturday, January 3, 2015 8:30 AM, "Richard Johnson killroy321@... [harris-radio]" <harris-radio@...m> wrote:

Here is the power cable schematic
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

From: harris-radio@yahoogroups.com
To: harris-radio@yahoogroups.com
Date: Fri, 2 Jan 2015 10:33:54 -0800
Subject: [harris-radio] Harris 5000 /5022 and 138

Guys

You know how it is, when you have an idea to Test one of your 125 watt amp's with the RT-138, whilst your awaiting the finding of coupler cables and PA cables for 5000 series to materialise, short of making them, I did have in my bag of Harris bits, a Grey workshop cable that has the 5 pin plug on, that of course fits the 125 watt amp, it has an open pair of wires Pos/neg on the end, can I find it !!

Please someone tell me the pin arrangements from 28v DC source @35aps contious to the amp input skt

Cheers

Waiting with Soldering iron, and suitable cable 2 meters in length !

Happy New Year, to one of my favourite Groups !

Stuart
G0TBI

[Non-text portions of this message have been removed]

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.net

Yahoo Groups Links

[Non-text portions of this message have been removed]

2139. Software Harris RF-5022R/T RF-5000.

Yahoo group: harris-radio
Date: 2015-01-04 00:32:34 UTC
From: mbchagasl@...
Topic: 2139 Message: 2139

Hello good night,someone has the software of programming and repair of RF-5022 to configure and update the radio?

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/880038631?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/880038631 https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/880038631?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/880038631

Someone has the assembly scheme of cable of RF-382A Coupler ANT,cable of J2 (RF-382A) for J9 (RF-5034PA-400) some scheme of assembly or tip for can do at home the Control Cable 10181-9823

If anyone needs I have the software RF-6750W System Special with RF-3200E Support.

Thanks.

Best regards

Bruno Schagas.

73.

2140. Re: RF-5022R/T(E) VSMR?

Yahoo group: harris-radio
Date: 2015-01-04 00:46:52 UTC
From: mbchagasl@...
Topic: 2109 Message: 2140

Thanks Steve KD2OM.

2141. Re: RF-5022R/T(E) VSMR?

Yahoo group: harris-radio
Date: 2015-01-04 00:48:12 UTC
From: mbchagasl@...
Topic: 2109 Message: 2141

Thanks Mark N2FYS.

2142. Re: Software Harris RF-5022R/T RF-5000.

Yahoo group: harris-radio
Date: 2015-01-05 13:26:55 UTC
From: steve@...
Topic: 2139 Message: 2142

The radio upgrade software would only be available at the factory or perhaps a dealer. It requires programming software not available outside of the factory as well as firmware packages for each module. Your best bet is to inquire at the Harris dealer in your country although it is unlikly that they will have the necessary software.

Operation programming can be accomplished with an ASCII file uploaded via the serial port. There is a simple terminal program for the radio, "falcom.exe" which can be found as well as just using hyperterm or something like that.

Steve KD2OM

2143. RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Yahoo group: harris-radio
Date: 2015-01-05 14:59:45 UTC
From: Richard Johnson
Topic: 2139 Message: 2143

There is also RF6550 RPA Radio Programming Application. That is how we program PRC-150 and I have used it for the 138 and 5022. However, it does not allow you to download a radio program configuration. Probably for OPSEC. It only allows you to program a radio, but it has a check list and go no go for your ALE set up to make sure you did it right. It is very different from what you think you know while programing through the front panel. The RPA uses different terms for self address, individual address and net address as well as a few other things. It also requires programming a single channel net, for some stupid reason that is beyond me. Took me a while to learn it on duty. The other thing, it only allows 3 digit calls. I then go to the text file it creates and edit manually to add the calls to 6 digits then program the radio.
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Mon, 5 Jan 2015 05:26:55 -0800
Subject: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

The radio upgrade software would only be available at the factory or perhaps a dealer. It requires programming software not available outside of the factory as well as firmware packages for each module. Your best bet is to inquire at the Harris dealer in your country although it is unlikly that they will have the necessary software.

Operation programming can be accomplished with an ASCII file uploaded via the serial port. There is a simple terminal program for the radio, "falcom.exe" which can be found as well as just using hyperterm or something like that.

Steve KD2OM

2144. rf-2301 manual

Yahoo group: harris-radio
Date: 2015-01-06 00:53:43 UTC
From: Shigekazu Tsuji
Topic: 2144 Message: 2144

Nice to meet you I is where you are working to repair the RF2301, but where you are looking for a manual. Costs, etc., required amount of money I will pay. In addition, in the hand of man, there in the original is rf-5022 Operation Manual. I have nearly 70 pages. If necessary, you can send it to copy. Although 5020 had been previously used, connection to the computer is also easy, from all the PC, and had been operated via the RS232C. Software not required, as long as it is a communication software, you can use anything. Well, mainly the manual

2145. RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Yahoo group: harris-radio
Date: 2015-01-06 12:15:57 UTC
From: seastar@...
Topic: 2139 Message: 2145

Richard,

The 3-digit (character) limit you are seeing in the RPA is likely due to setting the ALE net to "Use default self address in Net". If you uncheck that block, it will generate addresses based on the Station name+Net name. At that point, you can edit the addresses right there in the RPA.

Mark
N2FYS

2146. RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Yahoo group: harris-radio
Date: 2015-01-06 14:55:12 UTC
From: Richard Johnson
Topic: 2139 Message: 2146

Ok I will try that next time. On duty it don't matter, so it was only once I got a copy home and started using it on my 138 that I was really able to play with it and work around the 3 digit address limitation.
Thanks
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Tue, 6 Jan 2015 04:15:57 -0800
Subject: RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Richard,

The 3-digit (character) limit you are seeing in the RPA is likely due to setting the ALE net to "Use default self address in Net". If you uncheck that block, it will generate addresses based on the Station name+Net name. At that point, you can edit the addresses right there in the RPA.

Mark
N2FYS

2148. Re: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Yahoo group: harris-radio
Date: 2015-01-07 13:50:39 UTC
From: Stuart Mckinnon
Topic: 2139 Message: 2148

Gents

Speaking of the RF-5000 I am experimenting in the last few days, tell me, does the 5000 have backlight at all, I cannot see it, in comparison with the 5022 which is as bright as the 138, should I press a few buttons in a certain way ?

Cheers

Stuart
G0TBI

Francais Solidarity !

-----Original Message-----
From: Richard Johnson killroy321@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Tue, 6 Jan 2015 14:55
Subject: RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Ok I will try that next time. On duty it don't matter, so it was only once I got a copy home and started using it on my 138 that I was really able to play with it and work around the 3 digit address limitation.
Thanks
Rich Johnson
KI6EZA

www.RichardSJohnson.net

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"No free man shall ever be debarred the use of arms…"

Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Tue, 6 Jan 2015 04:15:57 -0800
Subject: RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Richard,

The 3-digit (character) limit you are seeing in the RPA is likely due to setting the ALE net to "Use default self address in Net". If you uncheck that block, it will generate addresses based on the Station name+Net name. At that point, you can edit the addresses right there in the RPA.

Mark
N2FYS

2149. RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Yahoo group: harris-radio
Date: 2015-01-07 15:37:52 UTC
From: W2HX
Topic: 2139 Message: 2149

Are you asking about the RF-5020 vs 5022? The 5020 has a dim red backlight. I think for night vision purposes or something. If I recall, the level is adjustable, but nowhere near brightness of the -138.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, January 07, 2015 8:51 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Gents

Speaking of the RF-5000 I am experimenting in the last few days, tell me, does the 5000 have backlight at all, I cannot see it, in comparison with the 5022 which is as bright as the 138, should I press a few buttons in a certain way ?

Cheers

Stuart
G0TBI

Francais Solidarity !

-----Original Message-----
From: Richard Johnson killroy321@hotmail.com<mailto:killroy321@hotmail.com> [harris-radio] <harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>>
To: harris-radio <harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>>
Sent: Tue, 6 Jan 2015 14:55
Subject: RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Ok I will try that next time. On duty it don't matter, so it was only once I got a copy home and started using it on my 138 that I was really able to play with it and work around the 3 digit address limitation.
Thanks
Rich Johnson
KI6EZA

www.RichardSJohnson.net<http://www.richardsjohnson.net/>

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>

Date: Tue, 6 Jan 2015 04:15:57 -0800
Subject: RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Richard,

The 3-digit (character) limit you are seeing in the RPA is likely due to setting the ALE net to "Use default self address in Net". If you uncheck that block, it will generate addresses based on the Station name+Net name. At that point, you can edit the addresses right there in the RPA.

Mark
N2FYS

2150. Re: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Yahoo group: harris-radio
Date: 2015-01-07 18:14:19 UTC
From: Stuart Mckinnon
Topic: 2139 Message: 2150

Eugene

As the e mail states it's marked as an RF-5000, any more I do not know

Stuart
G0TBI

-----Original Message-----
From: 'W2HX' w2hx@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Wed, 7 Jan 2015 15:38
Subject: RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Are you asking about the RF-5020 vs 5022? The 5020 has a dim red backlight. I think for night vision purposes or something. If I recall, the level is adjustable, but nowhere near brightness of the -138.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, January 07, 2015 8:51 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Gents

Speaking of the RF-5000 I am experimenting in the last few days, tell me, does the 5000 have backlight at all, I cannot see it, in comparison with the 5022 which is as bright as the 138, should I press a few buttons in a certain way ?

Cheers

Stuart

G0TBI

Francais Solidarity !

-----Original Message-----
From: Richard Johnson killroy321@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Tue, 6 Jan 2015 14:55
Subject: RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Ok I will try that next time. On duty it don't matter, so it was only once I got a copy home and started using it on my 138 that I was really able to play with it and work around the 3 digit address limitation.
Thanks

Rich Johnson
KI6EZA

www.RichardSJohnson.net

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Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Tue, 6 Jan 2015 04:15:57 -0800
Subject: RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Richard,

The 3-digit (character) limit you are seeing in the RPA is likely due to setting the ALE net to "Use default self address in Net". If you uncheck that block, it will generate addresses based on the Station name+Net name. At that point, you can edit the addresses right there in the RPA.

Mark
N2FYS

2151. RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Yahoo group: harris-radio
Date: 2015-01-07 22:38:19 UTC
From: W2HX
Topic: 2139 Message: 2151

Ok, I am unfamiliar with an exciter called RF-5000. I thought RF-5000 was the “family” of components for that model of radio (including exciters 5020, 5022, etc). I guess there is an exciter called the 5000, which I am not familiar with.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, January 07, 2015 1:14 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Eugene

As the e mail states it's marked as an RF-5000, any more I do not know

Stuart
G0TBI

-----Original Message-----
From: 'W2HX' w2hx@w2hx.com<mailto:w2hx@w2hx.com> [harris-radio]
<harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>>
To: harris-radio <harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>>
Sent: Wed, 7 Jan 2015 15:38
Subject: RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Are you asking about the RF-5020 vs 5022? The 5020 has a dim red backlight. I think for night vision purposes or something. If I recall, the level is adjustable, but nowhere near brightness of the -138.

73 Eugene W2HX

From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
[mailto:harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com?>]
Sent: Wednesday, January 07, 2015 8:51 AM
To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Subject: Re: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Gents

Speaking of the RF-5000 I am experimenting in the last few days, tell me, does the 5000 have backlight at all, I cannot see it, in comparison with the 5022 which is as bright as the 138, should I press a few buttons in a certain way ?

Cheers

Stuart
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Francais Solidarity !

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From: Richard Johnson killroy321@hotmail.com<mailto:killroy321@hotmail.com> [harris-radio] <harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>>
To: harris-radio <harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>>
Sent: Tue, 6 Jan 2015 14:55
Subject: RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Ok I will try that next time. On duty it don't matter, so it was only once I got a copy home and started using it on my 138 that I was really able to play with it and work around the 3 digit address limitation.
Thanks
Rich Johnson
KI6EZA

www.RichardSJohnson.net<http://www.richardsjohnson.net/>

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Thomas Jefferson

_____
To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Date: Tue, 6 Jan 2015 04:15:57 -0800
Subject: RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

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Mark
N2FYS

2152. RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Yahoo group: harris-radio
Date: 2015-01-07 23:07:03 UTC
From: Richard Johnson
Topic: 2139 Message: 2152

Its probably a 5020. Most of them the back lighting on the lcd burned out. Good radio, kinda the only draw back to that model.
Rich Johnson
Ki6EZA

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Wed, 7 Jan 2015 14:38:19 -0800
Subject: RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Ok, I am unfamiliar with an exciter called RF-5000. I thought RF-5000 was the “family” of components for that model of radio (including exciters 5020, 5022, etc). I guess there is an exciter called the 5000, which I am not familiar with.
73 Eugene W2HX From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, January 07, 2015 1:14 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Software Harris RF-5022R/T RF-5000. Eugene As the e mail states it's marked as an RF-5000, any more I do not know StuartG0TBI -----Original Message-----
From: 'W2HX' w2hx@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Wed, 7 Jan 2015 15:38
Subject: RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000. Are you asking about the RF-5020 vs 5022? The 5020 has a dim red backlight. I think for night vision purposes or something. If I recall, the level is adjustable, but nowhere near brightness of the -138.
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Sent: Wednesday, January 07, 2015 8:51 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Software Harris RF-5022R/T RF-5000. Gents Speaking of the RF-5000 I am experimenting in the last few days, tell me, does the 5000 have backlight at all, I cannot see it, in comparison with the 5022 which is as bright as the 138, should I press a few buttons in a certain way ? Cheers StuartG0TBI Francais Solidarity !
-----Original Message-----
From: Richard Johnson killroy321@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Tue, 6 Jan 2015 14:55
Subject: RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000. Ok I will try that next time. On duty it don't matter, so it was only once I got a copy home and started using it on my 138 that I was really able to play with it and work around the 3 digit address limitation.
Thanks
Rich Johnson
KI6EZA

www.RichardSJohnson.net

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"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Tue, 6 Jan 2015 04:15:57 -0800
Subject: RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Richard,

The 3-digit (character) limit you are seeing in the RPA is likely due to setting the ALE net to "Use default self address in Net". If you uncheck that block, it will generate addresses based on the Station name+Net name. At that point, you can edit the addresses right there in the RPA.

Mark
N2FYS

2153. RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Yahoo group: harris-radio
Date: 2015-01-08 01:40:39 UTC
From: steve@...
Topic: 2139 Message: 2153

Early units have a label on the front that showed RF-5000. The early PRC-138 was labeled RF-5000P. There were never many RF-5020's that were really deployed, Mostly demo's, sort of a proof of concept radio. The RF-5022 is an upgraded version and the RF-5022E, the final. The E allowed firmware upgrading without pulling boards and UV erasing ROMs which as field guy, was a real help.
Steve
KD2OM/NNN0HSB

2154. RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Yahoo group: harris-radio
Date: 2015-01-08 02:16:21 UTC
From: prcradio@...
Topic: 2139 Message: 2154

I know of about a dozen 5020s that were surplussed by British MOD and maybe a dozen more that were surplussed by some military somewhere, so they did see some military service.

Mike

2155. Re: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Yahoo group: harris-radio
Date: 2015-01-08 12:48:05 UTC
From: Stuart Mckinnon
Topic: 2139 Message: 2155

Group

More info, on takingoff the front remote head (two latches on Top) it reveals the flat front and 10 way connector, also a harris Plate stating that it is an RF-5020R/E Rec/Exc

Doe sthat help

Stuart
G0TBI

-----Original Message-----
From: steve@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Thu, 8 Jan 2015 1:40
Subject: RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Early units have a label on the front that showed RF-5000. The early PRC-138 was labeled RF-5000P. There were never many RF-5020's that were really deployed, Mostly demo's, sort of a proof of concept radio. The RF-5022 is an upgraded version and the RF-5022E, the final. The E allowed firmware upgrading without pulling boards and UV erasing ROMs which as field guy, was a real help.
Steve
KD2OM/NNN0HSB

2156. RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Yahoo group: harris-radio
Date: 2015-01-08 15:39:35 UTC
From: W2HX
Topic: 2139 Message: 2156

Ok, so your back light will be a dim red light (if at all). That is to be expected with the 5020.
My 5020 was used in a SHARES network in the Midwest.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, January 08, 2015 7:48 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Group

More info, on takingoff the front remote head (two latches on Top) it reveals the flat front and 10 way connector, also a harris Plate stating that it is an RF-5020R/E Rec/Exc

Doe sthat help

Stuart
G0TBI

-----Original Message-----
From: steve@ecsykes.com<mailto:steve@ecsykes.com> [harris-radio] <harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>>
To: harris-radio <harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>>
Sent: Thu, 8 Jan 2015 1:40
Subject: RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Early units have a label on the front that showed RF-5000. The early PRC-138 was labeled RF-5000P. There were never many RF-5020's that were really deployed, Mostly demo's, sort of a proof of concept radio. The RF-5022 is an upgraded version and the RF-5022E, the final. The E allowed firmware upgrading without pulling boards and UV erasing ROMs which as field guy, was a real help.
Steve
KD2OM/NNN0HSB

2157. Re: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Yahoo group: harris-radio
Date: 2015-01-08 17:09:59 UTC
From: Stuart Mckinnon
Topic: 2139 Message: 2157

OK Eugene

But No light at all, does that mean it's screwed? or is it adjustable or turn on/offable?

Stuart

-----Original Message-----
From: 'W2HX' w2hx@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Thu, 8 Jan 2015 15:39
Subject: RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Ok, so your back light will be a dim red light (if at all). That is to be expected with the 5020.
My 5020 was used in a SHARES network in the Midwest.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, January 08, 2015 7:48 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Group

More info, on takingoff the front remote head (two latches on Top) it reveals the flat front and 10 way connector, also a harris Plate stating that it is an RF-5020R/E Rec/Exc

Doe sthat help

Stuart

G0TBI

-----Original Message-----
From: steve@ecsykes.com [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Thu, 8 Jan 2015 1:40
Subject: RE: [harris-radio] Re: Software Harris RF-5022R/T RF-5000.

Early units have a label on the front that showed RF-5000. The early PRC-138 was labeled RF-5000P. There were never many RF-5020's that were really deployed, Mostly demo's, sort of a proof of concept radio. The RF-5022 is an upgraded version and the RF-5022E, the final. The E allowed firmware upgrading without pulling boards and UV erasing ROMs which as field guy, was a real help.
Steve
KD2OM/NNN0HSB

2158. Harris RT-138 to 125watt amp

Yahoo group: harris-radio
Date: 2015-01-08 17:22:15 UTC
From: Stuartjmckinnon@...
Topic: 2158 Message: 2158

Guys

It's me again, I do not have an official Harris 10 way cable that leaves the 138 marked PA then goes to J8 on the 125watt amp, I do though have a Plessey cable that fits as snug as a Bug in a Rug Hi Hi has all it's pins connected 1 to 1 will that suffice, or is it more intricate than that, better still does any one person who is not yet peed off with my enduring questions got the wiring diagram from Trcvr to J8 on the 125 watt amp

Cheers

Stuart
G0TBI

BTW once all this is complete, I sshall go out portable in my Ex mil lanrover and try 20/17 mtrs !!

2159. Re: Harris RT-138 to 125watt amp

Yahoo group: harris-radio
Date: 2015-01-09 16:57:48 UTC
From: prcradio@...
Topic: 2158 Message: 2159

The R/T to amp control cable appears to be 1 for 1 on the pinouts.

Mike

2160. Re: [harris-radio] Re: Harris RT-138 to 125watt amp

Yahoo group: harris-radio
Date: 2015-01-09 17:01:43 UTC
From: Stuart Mckinnon
Topic: 2158 Message: 2160

Mike

Thank you, will give that a go

Stuart
G0TBI

-----Original Message-----
From: prcradio@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Fri, 9 Jan 2015 16:57
Subject: [harris-radio] Re: Harris RT-138 to 125watt amp

The R/T to amp control cable appears to be 1 for 1 on the pinouts.

Mike

2161. Harris Dipole Centre

Yahoo group: harris-radio
Date: 2015-01-11 15:22:17 UTC
From: Stuartjmckinnon@...
Topic: 2161 Message: 2161

Guys

In my two spares bags of mostly NIB parts, there were x 2 off of these Dipole centres, can anyone give me there statistics, the twin feeder, is an you can see, cut off immediately underneath centre, Good copper wire I have, but how long was the twin feeder and at it's base, how was it terminated

Cheers all

Stuart
G0TBI
QTHR
QRZ.com

having a relaxing Sunday !

2162. PRC 138 digital voice with PRC-150

Yahoo group: harris-radio
Date: 2015-01-13 21:18:23 UTC
From: cagosti@...
Topic: 2162 Message: 2162

does any one know what digital voice type in the PRC-150 NOT encrypted
is compatible with the PRC-138 on HF

Thanks

2163. Re: [harris-radio] PRC 138 digital voice with PRC-150

Yahoo group: harris-radio
Date: 2015-01-13 22:26:25 UTC
From: Leon Ciereszko
Topic: 2162 Message: 2163

PRC-138 s LPC-02 IIRC.
Lee N4TCW
  From: "cagosti@statesystems.com [harris-radio]" <harris-radio@yahoogroups.com>
To: harris-radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 2:18 PM
Subject: [harris-radio] PRC 138 digital voice with PRC-150

  does any one know what digital voice type in the PRC-150 NOT encrypted
is compatible with the PRC-138 on HF

Thanks

2164. Re: Harris Dipole Centre

Yahoo group: harris-radio
Date: 2015-01-14 00:24:41 UTC
From: steve@...
Topic: 2161 Message: 2164

Stuart, I believe what you have part of an RF-1912, In the files section of this forum there is a manual with dimensions.

73
Steve KD2OM/NNN0HSB

2165. RE: [harris-radio] PRC 138 digital voice with PRC-150

Yahoo group: harris-radio
Date: 2015-01-14 05:01:39 UTC
From: W2HX
Topic: 2162 Message: 2165

LPC-10 is stuck in my head for the PRC-138. Could be wrong, though

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 5:26 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] PRC 138 digital voice with PRC-150

PRC-138 s LPC-02 IIRC.

Lee N4TCW

From: "cagosti@statesystems.com
[harris-radio]<mailto:cagosti@statesystems.com%20[harris-radio]>" <harris-radio@yahoogrou!
ps.com<mailto:harris-radio@yahoogrou!%20ps.com>>
To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Sent: Tuesday, January 13, 2015 2:18 PM
Subject: [harris-radio] PRC 138 digital voice with PRC-150

does any one know what digital voice type in the PRC-150 NOT encrypted
is compatible with the PRC-138 on HF

Thanks

2166. Re: [harris-radio] Re: Harris Dipole Centre

Yahoo group: harris-radio
Date: 2015-01-14 08:46:45 UTC
From: Stuart Mckinnon
Topic: 2161 Message: 2166

Steve

many Thanks

Will take a look

Stuart
G0TBI

-----Original Message-----
From: steve@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Wed, 14 Jan 2015 0:24
Subject: [harris-radio] Re: Harris Dipole Centre

Stuart,
I believe what you have part of an RF-1912, In the files section of this forum there is a manual with dimensions.

73
Steve KD2OM/NNN0HSB

2167. RE: [harris-radio] PRC 138 digital voice with PRC-150

Yahoo group: harris-radio
Date: 2015-01-14 15:56:23 UTC
From: D. Emer
Topic: 2162 Message: 2167

Its LPC-10 on the 138

Dud KK7IF

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 10:02 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] PRC 138 digital voice with PRC-150

LPC-10 is stuck in my head for the PRC-138. Could be wrong, though

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 5:26 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] PRC 138 digital voice with PRC-150

PRC-138 s LPC-02 IIRC.

Lee N4TCW

From: "cagosti@... <mailto:cagosti@statesystems.com%20[harris-radio]> [harris-radio]"
<harris-radio@yahoogrou! <mailto:harris-radio@yahoogrou!%20ps.com> ps.com>
To: harris-radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 2:18 PM
Subject: [harris-radio] PRC 138 digital voice with PRC-150

does any one know what digital voice type in the PRC-150 NOT encrypted
is compatible with the PRC-138 on HF

Thanks

2169. Re: [harris-radio] PRC 138 digital voice with PRC-150

Yahoo group: harris-radio
Date: 2015-01-18 12:23:55 UTC
From: Stuart Mckinnon
Topic: 2162 Message: 2169

Whoopee !

Success with the 138 and 125 watt amp, getting 151 Watts out on my resonant 80 mtr dipole for the VMARS freq of 3.615Khz, thanks for all the advice guys, just need now to try the 5000 and 5022 with same amp, when plug Made up.

BTW tried a quick test on 5398.5 USB one of the 60 mtr allocation freqs, and got 97 watts at 3.9 VSWR so a bit of a compromise, do I take it, in the absence of the Coupler the manpack still does the tuning? (I do have the 382 in storage at the Mo)

Cheers

Stuart
G0TBI

Will pop a video on You tube when i can under G0TBI

-----Original Message-----
From: 'D. Emer' dfemer@... [harris-radio] <harris-radio@yahoogroups.com>

To: harris-radio <harris-radio@yahoogroups.com>
Sent: Wed, 14 Jan 2015 15:56
Subject: RE: [harris-radio] PRC 138 digital voice with PRC-150

Its LPC-10 on the 138
Dud KK7IF

From:harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 10:02 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] PRC 138 digital voice with PRC-150

LPC-10 is stuck in my head for the PRC-138. Could be wrong,though

73 Eugene W2HX

From:harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, January 13, 2015 5:26 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] PRC 138 digital voice with PRC-150

PRC-138 s LPC-02 IIRC.

Lee N4TCW

From: "cagosti@...[harris-radio]" <harris-radio@yahoogrou!ps.com>
To: harris-radio@yahoogroups.com
Sent: Tuesday, January 13, 2015 2:18 PM
Subject: [harris-radio] PRC 138 digital voice with PRC-150

does any one know what digital voice type in the PRC-150 NOTencrypted is compatible with the PRC-138 on HF

Thanks

2170. Re: [harris-radio] PRC 138 digital voice with PRC-150

Yahoo group: harris-radio
Date: 2015-01-18 19:29:19 UTC
From: steve@...
Topic: 2162 Message: 2170

If the PA is attached the internal coupler of the RT will be bypassed. The PA has cutback circuitry to reduce power at high VSWR.

Steve KD2OM/NNN0HSB

2171. FS : Harris RF-230 radios and parts

Yahoo group: harris-radio
Date: 2015-01-19 19:42:12 UTC
From: GRG
Topic: 2171 Message: 2171

I have a quantity of the Harris RF-230 radios and parts. I bought them thinking that MARS would be requiring NTIA radios
and I would clean up selling them to MARS members. so far the plan has not succeeded, but it might.
In the mean time I need to thin the herd a bit. I don't have a list but I will try to make one up.
In the mean time I am accepting inquiries.
Thanks, George AFA6GG, W5GRG

2172. Harris Programmer software

Yahoo group: harris-radio
Date: 2015-01-19 20:02:53 UTC
From: Eddie Birkett
Topic: 2172 Message: 2172

In desperate need of a copy of Harris Programmer Software ?

Any help would be greatly appreciated.

Eddie

Sent from my iPhone

WARNING: The information included and/or attached in this electronic mail transmission may contain confidential or privileged information and is intended solely for the addressee(s). Any unauthorized disclosure, reproduction, distribution or the taking of action in reliance on the contents of the information are strictly prohibited. If you have received the message in error, please delete the message without copying, disclosing or forwarding.

2174. Re: prc138

Yahoo group: harris-radio
Date: 2015-01-20 20:21:16 UTC
From: mmurphys@...
Topic: 2173 Message: 2174

you are asking someone to export a prc-138 with no state dept export licence?

2175. Re: prc138

Yahoo group: harris-radio
Date: 2015-01-20 21:26:47 UTC
From: steve@...
Topic: 2173 Message: 2175

As Murphyjunk says, the PRC-138 can not be shipped outside of the US without an export license. No private person can obtain one. Your best bet is the guy in the UK that sells them from time to time. The same goes for the RF-5000 systems and/or parts. Most every green radio falls under these sames rules.

73
Steve KD2OM/NNN0HSB

2176. Re: [harris-radio] Re: prc138

Yahoo group: harris-radio
Date: 2015-01-20 21:46:45 UTC
From: two_wayradios@...
Topic: 2173 Message: 2176

Where can I find a PRC-138 or RF-5000 system here in the US?

> On Jan 20, 2015, at 13:26, steve@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> As Murphyjunk says, the PRC-138 can not be shipped outside of the US without an export license. No private person can obtain one. Your best bet is the guy in the UK that sells them from time to time. The same goes for the RF-5000 systems and/or parts. Most every green radio falls under these sames rules.
>
>
> 73
> Steve KD2OM/NNN0HSB
>
>
>

2177. Re: Harris Programmer software

Yahoo group: harris-radio
Date: 2015-01-21 00:11:58 UTC
From: Tisha Hayes
Topic: 2172 Message: 2177

That is kind of an open-ended request. Any answer is going to depend greatly upon what radio you are trying to program. Also many of the radios may have a programming interface and even a published standard but there really may not be an "application" that you are going to get.

Quite a few of the radios were built for three and four letter agencies who would take the programming standard and then create a customized application that suited their particular needs.

You might want to try to be more specific in your request but even then I would not hold out a great deal of hope that there is a publicly available application that is going to do what you want. Then again, if you are a programmer-type who can write their own driver or even macros you might be able to hash something together.

--
Ms. Tisha Hayes. AA4HA

""It is not because things are difficult that we dare not venture. It is because we dare not venture that they are difficult." -Seneca"

2178. RE: [harris-radio] Re: Harris Programmer software

Yahoo group: harris-radio
Date: 2015-01-21 00:22:48 UTC
From: Richard Johnson
Topic: 2172 Message: 2178

Other than Falcom and making a pure text file and loading through hypertermal for rf5000 systems amd prc138, harris has an rpa program for HF, and multiband radios. It does not allow downloading anything currently programmed, but that can usually be viewed with hyperterminal.
Rich Johnson
kI6EZA

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Tue, 20 Jan 2015 18:11:58 -0600
Subject: [harris-radio] Re: Harris Programmer software

That is kind of an open-ended request. Any answer is going to depend greatly upon what radio you are trying to program. Also many of the radios may have a programming interface and even a published standard but there really may not be an "application" that you are going to get.
Quite a few of the radios were built for three and four letter agencies who would take the programming standard and then create a customized application that suited their particular needs.
You might want to try to be more specific in your request but even then I would not hold out a great deal of hope that there is a publicly available application that is going to do what you want. Then again, if you are a programmer-type who can write their own driver or even macros you might be able to hash something together.
--
Ms. Tisha Hayes. AA4HA
""It is not because things are difficult that we dare not venture. It is because we dare not venture that they are difficult." -Seneca"

2179. RF-5034PA-400E

Yahoo group: harris-radio
Date: 2015-01-22 04:07:33 UTC
From: mbchagasl@...
Topic: 2179 Message: 2179

Hello good night,can anyone help me I need the manual of RF-5034PA-400E operation and maintenance,can be any type of pdf media, photo or scanner.

Thanks good night,73.

Best regards,

Bruno Schagas.

2180. Harris RF-550 Replacement Lamps

Yahoo group: harris-radio
Date: 2015-01-23 05:00:08 UTC
From: peterdstanford@...
Topic: 2180 Message: 2180

Hello Gentlemen, I am currently restoring a RF-550, having fixed issues with the AFC and Metering cct I am now trying to find a source for the AFC 'LOCK' lamp. This is the 'GREEN' lamp on the front panel. The current lamp has the green plastic lens/cover sheared off (the lamp still functions).

Originally the lamp was made by TEC Industries but I cannot find anything on the web about them. They are a bit unusual in that they have a shortened T 1 3/4 threaded end which allows them to be used in a push button housing. HP test gear uses similar lamps but the thread is continuous and the button is locked (cannot operate). Looked at Digi Key and Mouser and Ebay and general web search but perhaps I am not typing in the correct search parameters.

Could anyone point me in the right direction?

Best wishes Pete, VK4GXC

2181. RE: [harris-radio] RF-5034PA-400E

Yahoo group: harris-radio
Date: 2015-01-23 19:56:22 UTC
From: Roger Waldmiller
Topic: 2179 Message: 2181

Hello Bruno:

What are your call sign??

Regards

Roger w

waldrgr@rochester.rr.com

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, January 21, 2015 11:08 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5034PA-400E

Hello good night,can anyone help me I need the manual of RF-5034PA-400E operation and maintenance,can be any type of pdf media, photo or scanner.

Thanks good night,73.

Best regards,

Bruno Schagas.

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2183. RF-1310A supplement

Yahoo group: harris-radio
Date: 2015-01-23 21:10:42 UTC
From: w4il-kb4ei@...
Topic: 2183 Message: 2183

I need the supplement for RF-755A or RF-765 transmitter from the RF-1310 manual. I have RF-745 supplement but could use the requested one. Section A18A2.
Manuals are impossible to find for this transmitter. I have even checked with Mike at Toronto Surplus.
It is a fine transmitter. I use it with a RF-590A.
WAYNE

2184. RE: [harris-radio] RF-5034PA-400E

Yahoo group: harris-radio
Date: 2015-01-24 00:10:11 UTC
From: Bruno Schagas
Topic: 2179 Message: 2184

I am of end of the world the Brazil kkk... I need amplifier manual.

Thanks good night.

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Fri, 23 Jan 2015 14:56:22 -0500
Subject: RE: [harris-radio] RF-5034PA-400E

Hello Bruno:What are your call sign?? Regards Roger wwaldrgr@...4alphapapa(harris-yahoo ID) 3200 ,2000,3230, 5000, 138, 3201Rochester NY USA From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, January 21, 2015 11:08 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5034PA-400E Hello good night,can anyone help me I need the manual of RF-5034PA-400E operation and maintenance,can be any type of pdf media, photo or scanner.

Thanks good night,73.

Best regards,

Bruno Schagas.

This email is free from viruses and malware because avast! Antivirus protection is active.

2185. RE: [harris-radio] RF-5034PA-400E

Yahoo group: harris-radio
Date: 2015-01-24 00:15:19 UTC
From: mbchagasl@...
Topic: 2179 Message: 2185

Hello good night Roger I am of end of the world the Brazil kkk... I need 400E amplifier manual and any other manual radio RF-5022R.

Thanks good night.

Regards.

2186. RF-590 RECEIVER with Collins filters for sale

Yahoo group: harris-radio
Date: 2015-01-29 17:24:57 UTC
From: gibharris@...
Topic: 2186 Message: 2186

An excellent example with preselector option,ISB,remote,etc. You know build quality and specs. $1600. Photos on request or see on auction site with higher price this weekend. .

2187. Looking for RF-230 Enclosure Top

Yahoo group: harris-radio
Date: 2015-02-01 02:50:35 UTC
From: kw1i@...
Topic: 2187 Message: 2187

Let me know if you have any RF-230 case parts available. Would like to get the top cover, but a case bottom would work.

Dale
kw1i@earthlink.net

2188. Keyloader Cable for Harris Unity XG-100?

Yahoo group: harris-radio
Date: 2015-02-03 06:52:34 UTC
From: alan@...
Topic: 2188 Message: 2188

I'm looking for a keyloader cable for a Harris Unity XG-100.

Is this something a ham can purchase from Harris? I'd just as well buy (or borrow/lease?) from somebody who has one for re-sale.

Can anybody possibly provide the Harris part number or even the pin-outs?

Thanks,
Alan/N3LGE

2189. Re: [harris-radio] Keyloader Cable for Harris Unity XG-100?

Yahoo group: harris-radio
Date: 2015-02-03 07:27:33 UTC
From: two_wayradios@...
Topic: 2188 Message: 2189

Harris Unity XG-100P has two cables;
USB/Key Loading XPCJ3A
Harris Key Loader - Cable XPCJ3B

Either one is under $200.00 USD, yes they are available to hams, but it's really up to the dealer to decide who to sell. I'll be purchasing one in the coming weeks.

Regards,

> On Feb 2, 2015, at 22:52, alan@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> I'm looking for a keyloader cable for a Harris Unity XG-100.
>
> Is this something a ham can purchase from Harris? I'd just as well buy (or borrow/lease?) from somebody who has one for re-sale.
>
>
> Can anybody possibly provide the Harris part number or even the pin-outs?
>
>
> Thanks,
>
> Alan/N3LGE
>
>

2190. Looking for RF-550 Knobs

Yahoo group: harris-radio
Date: 2015-02-03 23:22:46 UTC
From: Gary Smith
Topic: 2190 Message: 2190

Hello Everyone! Thanks for letting me join the group. I just acquired a Harris RF-550 HF receiver and it has a couple of knobs that have been broken and repaired with glue. I am looking for some knobs to use as replacements. I talked to Harris Communications and they suggested that I reach out to the group here to see if anyone has any knobs for this model. I am looking for the Khz bandwidth and Line Adjust knobs.
Thanks in advance for any help you can give.
GaryWA1TJB

2191. PRC-117D operators manual

Yahoo group: harris-radio
Date: 2015-02-04 00:23:16 UTC
From: mmellinger100@...
Topic: 2191 Message: 2191

Hello

I'm am trying to find a technical and/or operators manual for a PRC-117D preferably in electronic format. Any help would be greatly appreciated .

Thank you

Mark

2193. Watned PRC-138 Wotan harddig case

Yahoo group: harris-radio
Date: 2015-02-08 04:48:03 UTC
From: Richard Johnson
Topic: 2193 Message: 2193

Looking for a transit harddig case for the PRC-138 commonly called WOTAN by the brits.
I need the insert tray that holds the 138 next to the amp side by side.
If you have one you are willing to let go contact me direct.
Thanks
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

2194. A7 module for PRC-138

Yahoo group: harris-radio
Date: 2015-02-08 16:33:19 UTC
From: Joseph Pinner
Topic: 2194 Message: 2194

Here is my periodic request for help getting my PRC-138 on the air. I bought it for use with my MARS station as it has built in ALE and Mil Data modes. I plan to use it in the field as well as at my fixed station as I have a Harris 125 W amp that is used with it.

I know that some of you have a spare A7 module but are hesitant to part with it. I hope that you will reconsider so that the PRC-138 I have can be made operational. It is ashamed that it is now on a shelf unused.

I am prepared to offer $ 500 for a working A7 Module.

--
Joseph Pinner
Kingston, TN

KC5IJD / NNN0PHR
Roane County OES 408

2195. Re: [harris-radio] A7 module for PRC-138

Yahoo group: harris-radio
Date: 2015-02-08 22:16:24 UTC
From: two_wayradios@...
Topic: 2194 Message: 2195

How much does a PRC-138 run for, $4K-10K?

I've never seen one used for sale online.

> On Feb 8, 2015, at 08:33, Joseph Pinner jpinner33@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Here is my periodic request for help getting my PRC-138 on the air. I
> bought it for use with my MARS station as it has built in ALE and Mil
> Data modes. I plan to use it in the field as well as at my fixed station
> as I have a Harris 125 W amp that is used with it.
>
> I know that some of you have a spare A7 module but are hesitant to part
> with it. I hope that you will reconsider so that the PRC-138 I have can
> be made operational. It is ashamed that it is now on a shelf unused.
>
> I am prepared to offer $ 500 for a working A7 Module.
>
> --
> Joseph Pinner
> Kingston, TN
>
> KC5IJD / NNN0PHR
> Roane County OES 408
>
>

2196. RE: [harris-radio] A7 module for PRC-138

Yahoo group: harris-radio
Date: 2015-02-08 23:39:29 UTC
From: D. Emer
Topic: 2194 Message: 2196

About $5k is average for a 138. A full WOTAN unit would be $8-9K I’d suspect.

Dud

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, February 08, 2015 3:16 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] A7 module for PRC-138

How much does a PRC-138 run for, $4K-10K?

I've never seen one used for sale online.

On Feb 8, 2015, at 08:33, Joseph Pinner jpinner33@att.net [harris-radio]
<harris-radio@yahoogroups.com> wrote:

Here is my periodic request for help getting my PRC-138 on the air. I
bought it for use with my MARS station as it has built in ALE and Mil
Data modes. I plan to use it in the field as well as at my fixed station
as I have a Harris 125 W amp that is used with it.

I know that some of you have a spare A7 module but are hesitant to part
with it. I hope that you will reconsider so that the PRC-138 I have can
be made operational. It is ashamed that it is now on a shelf unused.

I am prepared to offer $ 500 for a working A7 Module.

--
Joseph Pinner
Kingston, TN

KC5IJD / NNN0PHR
Roane County OES 408

2197. Re: [harris-radio] A7 module for PRC-138

Yahoo group: harris-radio
Date: 2015-02-09 01:46:16 UTC
From: two_wayradios@...
Topic: 2194 Message: 2197

Where is the best place to keep an eye on, that could sell them?

> On Feb 8, 2015, at 15:39, 'D. Emer' dfemer@... [harris-radio]
<harris-radio@yahoogroups.com> wrote:
>
> About $5k is average for a 138. A full WOTAN unit would be $8-9K I'd suspect.
>
> Dud
>
>
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> Sent: Sunday, February 08, 2015 3:16 PM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] A7 module for PRC-138
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>
>
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>
>
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<harris-radio@yahoogroups.com> wrote:
>
>
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> Here is my periodic request for help getting my PRC-138 on the air. I
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> Data modes. I plan to use it in the field as well as at my fixed station
> as I have a Harris 125 W amp that is used with it.
>
> I know that some of you have a spare A7 module but are hesitant to part
> with it. I hope that you will reconsider so that the PRC-138 I have can
> be made operational. It is ashamed that it is now on a shelf unused.

>
> I am prepared to offer $ 500 for a working A7 Module.
>
> --
> Joseph Pinner
> Kingston, TN
>
> KC5IJD / NNN0PHR
> Roane County OES 408
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2198. RE: [harris-radio] A7 module for PRC-138

Yahoo group: harris-radio
Date: 2015-02-09 02:06:00 UTC
From: D. Emer
Topic: 2194 Message: 2198

Mike Murphy has had them and MB radio in the UK.

http://www.murphyjunk.net/

http://www.mb-radio.co.uk/

They are hard to find lately.

Dud KK7IF

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, February 08, 2015 6:46 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] A7 module for PRC-138

Where is the best place to keep an eye on, that could sell them?

On Feb 8, 2015, at 15:39, 'D. Emer' dfemer@... [harris-radio]
<harris-radio@yahoogroups.com> wrote:

About $5k is average for a 138. A full WOTAN unit would be $8-9K I'd suspect.

Dud

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, February 08, 2015 3:16 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] A7 module for PRC-138

How much does a PRC-138 run for, $4K-10K?

I've never seen one used for sale online.

On Feb 8, 2015, at 08:33, Joseph Pinner jpinner33@... [harris-radio]
<harris-radio@yahoogroups.com> wrote:

Here is my periodic request for help getting my PRC-138 on the air. I
bought it for use with my MARS station as it has built in ALE and Mil
Data modes. I plan to use it in the field as well as at my fixed station
as I have a Harris 125 W amp that is used with it.

I know that some of you have a spare A7 module but are hesitant to part
with it. I hope that you will reconsider so that the PRC-138 I have can
be made operational. It is ashamed that it is now on a shelf unused.

I am prepared to offer $ 500 for a working A7 Module.

--
Joseph Pinner

Kingston, TN

KC5IJD / NNN0PHR
Roane County OES 408

2199. Re: [harris-radio] A7 module for PRC-138

Yahoo group: harris-radio
Date: 2015-02-09 02:20:00 UTC
From: andersendl@...
Topic: 2194 Message: 2199

4-9K for a PRC-138?!? Who knew I was sitting on a gold mine! I haven't really been following prices lately, but the last one I saw for sale was on Craigslist for 1200, maybe eight months back. It was located in Virginia if I recall correctly. If they are really selling for that much, I may have to seriously consider selling one of mine. The 138 is my favorite radio and other than my R8500, is my most used piece of kit.

Joseph, good luck on your search. Don't give up, you'll luck into something before too long. I searched for years before I found one of my VHF radio sets.

andersendl

2200. PRC-138 Prices

Yahoo group: harris-radio
Date: 2015-02-09 03:42:23 UTC
From: Richard Johnson
Topic: 2194 Message: 2200

Yes general price range for a 138 was 5k. Murphy told me last time I talked to him about it he sold the last stack of them to the Keystone pipeline company for something like 7500 a piece to put in their trucks. They are equipping with 138s and RF-5800 H-MP radios (the non CCI version of the 152 the Army uses)
With competition like that there is no way amatures like us can get a foot in the market. And the reality is, you probably cant sell yours for 7500 bucks because your not a dealer like Murphy that can guarantee the product etc etc.
So for now they are dried up. Though there are still some out there. A friend of mine found one at a friggin flea market for 100 bucks. Yeah 100 bucks. And it works, though its a verison one, not two or (B)
I would expect that if you really wanted one and kept advertising that and were ready to put up 5k, I bet in a few months you would find somebody willing to sell one.
As for the guy looking for an A7 module, I kinda doubt there are many parts out there. There are likely a few parts radios around, but those are probably held by the guys that are dealers or repairers.
I don't know what an A7 module does in the radio, but you had Jim Karlow check it out? He might be able to repair your module or build a new one if its a power supply or something.
Good luck and have fun.
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Sun, 8 Feb 2015 18:20:00 -0800
Subject: Re: [harris-radio] A7 module for PRC-138

4-9K for a PRC-138?!? Who knew I was sitting on a gold mine! I haven't really been following prices lately, but the last one I saw for sale was on Craigslist for 1200, maybe eight months back. It was located in Virginia if I recall correctly. If they are really selling for that much, I may have to seriously consider selling one of mine. The 138 is my favorite radio and other than my R8500, is my most used piece of kit.

Joseph, good luck on your search. Don't give up, you'll luck into something before too long. I searched for years before I found one of my VHF radio sets.

andersendl

2201. Re: [harris-radio] PRC-138 Prices

Yahoo group: harris-radio
Date: 2015-02-09 05:44:52 UTC
From: two_wayradios@...
Topic: 2194 Message: 2201

If a 138 crosses the 6k mark considering needed repairs and future parts etc. its not worth that much to me, considering that a new one (rugged mil spec) will run for 9k (quoted) with 3 years of warranty for the entire package (radio, software, antennas, crypto, battery, etc.). Although I still like the RF-5800 (clear version/export).

Just a "fun fact" the real PRC-117's 15k, PRC-152's starts at 25k (have the actual price), plus the software "enhancements" etc. and it's type 1 crypto, which is a no-no for civilians.

Regards,

> On Feb 8, 2015, at 19:42, Richard Johnson killroy321@hotmail.com [harris-radio] <harris-radio@yahoogroups.com> wrote:
> Yes general price range for a 138 was 5k. Murphy told me last time I talked to him about it he sold the last stack of them to the Keystone pipeline company for something like 7500 a piece to put in their trucks. They are equipping with 138s and RF-5800 H-MP radios (the non CCI version of the 152 the Army uses)
> With competition like that there is no way amatures like us can get a foot in the market. And the reality is, you probably cant sell yours for 7500 bucks because your not a dealer like Murphy that can guarantee the product etc etc.
> So for now they are dried up. Though there are still some out there. A friend of mine found one at a friggin flea market for 100 bucks. Yeah 100 bucks. And it works, though its a verison one, not two or (B)
> I would expect that if you really wanted one and kept advertising that and were ready to put up 5k, I bet in a few months you would find somebody willing to sell one.
> As for the guy looking for an A7 module, I kinda doubt there are many parts out there. There are likely a few parts radios around, but those are probably held by the guys that are dealers or repairers.
> I don't know what an A7 module does in the radio, but you had Jim Karlow check it out? He might be able to repair your module or build a new one if its a power supply or something.
> Good luck and have fun.
> Rich Johnson
> KI6EZA
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> www.RichardSJohnson.net
>
> "Those who enjoy freedom must endeavor to preserve it."
>
>
> "No free man shall ever be debarred the use of arms…"
> Thomas Jefferson
>
>
>
> To: harris-radio@yahoogroups.com
> From: harris-radio@yahoogroups.com

> Date: Sun, 8 Feb 2015 18:20:00 -0800
> Subject: Re: [harris-radio] A7 module for PRC-138
>
>
> 4-9K for a PRC-138?!? Who knew I was sitting on a gold mine! I haven't really been following prices lately, but the last one I saw for sale was on Craigslist for 1200, maybe eight months back. It was located in Virginia if I recall correctly. If they are really selling for that much, I may have to seriously consider selling one of mine. The 138 is my favorite radio and other than my R8500, is my most used piece of kit.
>
> Joseph, good luck on your search. Don't give up, you'll luck into something before too long. I searched for years before I found one of my VHF radio sets.
>
> andersendl
>

2202. Re: [harris-radio] PRC-138 Prices

Yahoo group: harris-radio
Date: 2015-02-09 14:19:27 UTC
From: prcradio@...
Topic: 2194 Message: 2202

New the PRC-138 ran about $25k with all options (as quoted years ago by Harris) and although its replacement, the PRC-150 was supposed to be a cost reduction exercise, I believe it cost about the same now. What radio were you quoted $9k?
Mike

2203. Re: PRC-138 Prices

Yahoo group: harris-radio
Date: 2015-02-09 15:20:55 UTC
From: mmurphys@...
Topic: 2194 Message: 2203

Rich

this story lost something in the translation, I've never sold the 138 kits for more than $5200

Mike

2204. RE: [harris-radio] Re: PRC-138 Prices

Yahoo group: harris-radio
Date: 2015-02-09 16:14:36 UTC
From: Richard Johnson
Topic: 2194 Message: 2204

Ah shit, i hate miss representing a conversation.
Im sorry. I will post a retraction.
I appologize. I swear that memory sticks in my head. Cant figure why i thought that.
In other news, my unit needs a 150 to cradle dogbone. Kinda hard to get one through the chain, do you have any?

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Mon, 9 Feb 2015 07:20:55 -0800
Subject: [harris-radio] Re: PRC-138 Prices

Rich

this story lost something in the translation, I've never sold the 138 kits for more than $5200

Mike

2205. RE: [harris-radio] PRC-138 Prices

Yahoo group: harris-radio
Date: 2015-02-09 16:20:42 UTC
From: Richard Johnson
Topic: 2194 Message: 2205

I must state a correction of serious nature. I was some how mistaken in my memory of Murphy's sale of the lot of 138s.
Murphy informed me of my error, he sold the 138s all for his long standing price of 5200$.
I apologize for the error.
I cant figure where that 7500 number got stuck in my head.
Rich Johnson
KI6EZA

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Mon, 9 Feb 2015 06:19:27 -0800
Subject: Re: [harris-radio] PRC-138 Prices

New the PRC-138 ran about $25k with all options (as quoted years ago by Harris) and although its replacement, the PRC-150 was supposed to be a cost reduction exercise, I believe it cost about the same now. What radio were you quoted $9k?
Mike

2206. Re: [harris-radio] PRC-138 Prices

Yahoo group: harris-radio
Date: 2015-02-10 20:37:11 UTC
From: two_wayradios@...
Topic: 2194 Message: 2206

Are you by any chance "PRCradioguy" from Radio reference?

The 9k quoted (direct from manufacturer, non GSA) was for a mil spec grade-military HF rig with data, email, GPS (no GLONASS due to security), crypto, ALE, antenna, 3yr warranty, programming + email software, battery, charger, cables, man pack convertible to 125W base. 26k with base parts/acc. extended warranty, base+man pack antennas, etc + the above stuff. For HAM operators it's 30k for package. Pretty sure this is out of reach for 99% of HAM operators!

Regards,

> On Feb 9, 2015, at 06:19, prcradio@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> New the PRC-138 ran about $25k with all options (as quoted years ago by Harris) and although its replacement, the PRC-150 was supposed to be a cost reduction exercise, I believe it cost about the same now. What radio were you quoted $9k?
> Mike
>
>

2208. Manual RF-382

Yahoo group: harris-radio
Date: 2015-02-11 01:54:39 UTC
From: mbchagasl@...
Topic: 2208 Message: 2208

Hello good night,does anyone have the PDF manual RF-382.

This connector can be used in dipole antenna in UG-21 Connector?

Thanks good night.

harris-radio https://groups.yahoo.com/neo/groups/harris-radio/photos/photostream/lightbox/494868828?orderBy=mtime&sortOrder=desc&photoFilter=ALL#zax/494868828

https://groups.yahoo.com/neo/groups/harris-radio/photos/photostream/lightbox/494868828?orderBy=mtime&sortOrder=desc&photoFilter=ALL#zax/494868828

harris-radio https://groups.yahoo.com/neo/groups/harris-radio/photos/photostream/lightbox/494868828?orderBy=mtime&sortOrder=desc&photoFilter=ALL#zax/494868828 Welcome to the Harris Radio User Group Anything Harris Alpha 2000 (UHF / VHF) Military And Other Harris Equipment please Keep All Messages Civil Thank...

View on groups.yahoo.com https://groups.yahoo.com/neo/groups/harris-radio/photos/photostream/lightbox/494868828?orderBy=mtime&sortOrder=desc&photoFilter=ALL#zax/494868828
Preview by Yahoo

2209. Re: [harris-radio] Manual RF-382

Yahoo group: harris-radio
Date: 2015-02-11 02:49:47 UTC
From: <ed.leavitt@...>
Topic: 2208 Message: 2209

I'm not conversant with the RF-nnn numbering scheme but some handwritten notes I scribbled on the face of an Instruction Manual suggest that the RF-382A is equivalent to the CU-2397/G. If so look at:

http://pa3ect.eu/Harris%20RF-280/CU-2397-RF-382.pdf

****
Edmund Leavitt
K7EFL / AFA0AH USNG: 10TET36292223
****

On 10 Feb 2015 17:54:39 -0800 "mbchagasl@... [harris-radio]" <harris-radio@yahoogroups.com> writes:

Hello good night,does anyone have the PDF manual RF-382.

This connector can be used in dipole antenna in UG-21 Connector?

Thanks good night.

2210. Re: [harris-radio] Manual RF-382

Yahoo group: harris-radio
Date: 2015-02-11 03:04:07 UTC
From: manoel leite
Topic: 2208 Message: 2210

Hello thanks good night.

Em Quarta-feira, 11 de Fevereiro de 2015 0:51, "ed.leavitt@... [harris-radio]" <harris-radio@yahoogroups.com> escreveu:

I'm not conversant with the RF-nnn numbering scheme but some handwritten notes I scribbled on the face of an Instruction Manual suggest that the RF-382A is equivalent to the CU-2397/G. If so look at:

http://pa3ect.eu/Harris%20RF-280/CU-2397-RF-382.pdf

****
Edmund Leavitt
K7EFL / AFA0AH USNG: 10TET36292223
****

On 10 Feb 2015 17:54:39 -0800 "mbchagasl@....br [harris-radio]" <harris-radio@yahoogroups.com> writes:

Hello good night,does anyone have the PDF manual RF-382.

This connector can be used in dipole antenna in UG-21 Connector?

Thanks good night.

2211. RE: [harris-radio] Manual RF-382

Yahoo group: harris-radio
Date: 2015-02-11 03:46:29 UTC
From: Robert Gunther
Topic: 2208 Message: 2211

Glad to help anytime, Enjoy !!!
Bob NM1Z
Robert J GuntherDirector of EngineeringWOAY-TV-ABCBeckley / Bluefield / Oak Hill WV DMA

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Wed, 11 Feb 2015 03:04:07 +0000
Subject: Re: [harris-radio] Manual RF-382

Hello thanks good night.

Em Quarta-feira, 11 de Fevereiro de 2015 0:51, "ed.leavitt@... [harris-radio]"
<harris-radio@yahoogroups.com> escreveu:

I'm not conversant with the RF-nnn numbering scheme but some handwritten
notes I scribbled on the face of an Instruction Manual suggest that the
RF-382A is equivalent to the CU-2397/G. If so look at:

http://pa3ect.eu/Harris%20RF-280/CU-2397-RF-382.pdf

****
Edmund Leavitt
K7EFL / AFA0AH USNG: 10TET36292223
****

On 10 Feb 2015 17:54:39 -0800 "mbchagasl@... [harris-radio]"
<harris-radio@yahoogroups.com> writes:

Hello good night,does anyone have the PDF manual RF-382.

This connector can be used in dipole antenna in UG-21 Connector?

Thanks good night.

2212. Re: [harris-radio] PRC-138 Prices

Yahoo group: harris-radio
Date: 2015-02-11 15:08:52 UTC
From: prcradio@...
Topic: 2194 Message: 2212

Yes. Is your quote for a Harris radio or another mil radio mfr?
Mike

2213. Re: [harris-radio] PRC-138 Prices

Yahoo group: harris-radio
Date: 2015-02-11 15:27:21 UTC
From: Mark Mellinger
Topic: 2194 Message: 2213

I actually have a commercial requirement for a PRC 138. I would be interested in getting a contact where you got the quote from. And this is for a Harris prc138 correct? Also is this a recent quote? $9,000 is a great price for a new 138 and it would really work well in my project budget.

Thanks

Mark Mellinger
KE5QEO
NVIS Communication

Sent from my iPhone

> On Feb 10, 2015, at 2:37 PM, two_wayradios@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
>
> Are you by any chance "PRCradioguy" from Radio reference?
>
> The 9k quoted (direct from manufacturer, non GSA) was for a mil spec grade-military HF rig with data, email, GPS (no GLONASS due to security), crypto, ALE, antenna, 3yr warranty, programming + email software, battery, charger, cables, man pack convertible to 125W base.
> 26k with base parts/acc. extended warranty, base+man pack antennas, etc + the above stuff. For HAM operators it's 30k for package. Pretty sure this is out of reach for 99% of HAM operators!
>
> Regards,
>
>
>
>> On Feb 9, 2015, at 06:19, prcradio@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>>
>>
>> New the PRC-138 ran about $25k with all options (as quoted years ago by Harris) and although its replacement, the PRC-150 was supposed to be a cost reduction exercise, I believe it cost about the same now. What radio were you quoted $9k?
>> Mike
>>
>
>

2214. RE: [harris-radio] Manual RF-382

Yahoo group: harris-radio
Date: 2015-02-11 16:34:20 UTC
From: f1frv@...
Topic: 2208 Message: 2214

Hi
Have a lok at
http://f1frv.free.fr/main3q_Harris_Tuners.html
http://f1frv.free.fr/main3q_Harris_Tuners.html
you will find it....
73s
dom

2215. RF-382 ?

Yahoo group: harris-radio
Date: 2015-02-11 14:26:38 UTC
From: Stuartjmckinnon@...
Topic: 2215 Message: 2215

Hi Guys an Gals

Without looking I think my RF-382 is one of the originals, and does Not have the coaxial connector (50 ohm ?) with the swing over arm

Was there an after Mod for the original, or can it be tricked into working into 50 ohm, say a typical resonant dipole?

Stuart
G0TBI

2216. Re: [harris-radio] Manual RF-382

Yahoo group: harris-radio
Date: 2015-02-11 17:02:53 UTC
From: Stuart Mckinnon
Topic: 2208 Message: 2216

Thanks Dom

Very useful

Stuart
G0TBI

-----Original Message-----
From: f1frv@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Wed, 11 Feb 2015 16:34
Subject: RE: [harris-radio] Manual RF-382

Hi
Have a lok at
http://f1frv.free.fr/main3q_Harris_Tuners.html
you will find it....
73s
dom

2217. RE: [harris-radio] Manual RF-382

Yahoo group: harris-radio
Date: 2015-02-11 19:20:19 UTC
From: Bruno Schagas
Topic: 2208 Message: 2217

Thanks ok.

73.
To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Wed, 11 Feb 2015 08:34:20 -0800
Subject: RE: [harris-radio] Manual RF-382

Hi
Have a lok at
http://f1frv.free.fr/main3q_Harris_Tuners.html
you will find it....
73s
dom

2218. RE: [harris-radio] RF-382 ?

Yahoo group: harris-radio
Date: 2015-02-11 20:37:17 UTC
From: W2HX
Topic: 2215 Message: 2218

The switch is just option A15. Switches between coax and HV standoff

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, February 11, 2015 9:27 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-382 ?

Hi Guys an Gals

Without looking I think my RF-382 is one of the originals, and does Not have the coaxial connector (50 ohm ?) with the swing over arm

Was there an after Mod for the original, or can it be tricked into working into 50 ohm, say a typical resonant dipole?

Stuart

G0TBI

2219. Re: [harris-radio] RF-382 ?

Yahoo group: harris-radio
Date: 2015-02-11 20:44:17 UTC
From: Paul Katz
Topic: 2215 Message: 2219

Just put a coax pigtail with whatever coax connector you want on the output of the antenna stud (center of coax) and ground stud (shield of coax), or make antenna coax end into a pigtail with lugs and connect accordingly.

73, Paul W5NTQ

On 2/11/2015 2:37 PM, 'W2HX' w2hx@... [harris-radio] wrote:
>
> The switch is just option A15. Switches between coax and HV standoff
>
> *From:*harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> *Sent:* Wednesday, February 11, 2015 9:27 AM
> *To:* harris-radio@yahoogroups.com
> *Subject:* [harris-radio] RF-382 ?
>
> Hi Guys an Gals
>
> Without looking I think my RF-382 is one of the originals, and does
> Not have the coaxial connector (50 ohm ?) with the swing over arm
>
> Was there an after Mod for the original, or can it be tricked into
> working into 50 ohm, say a typical resonant dipole?
>
> Stuart
>
> G0TBI
>
>

2220. Re: [harris-radio] RF-382 ?

Yahoo group: harris-radio
Date: 2015-02-11 21:23:49 UTC
From: Stuart Mckinnon
Topic: 2215 Message: 2220

OK guys

Thanks for that, that's what i thought use of pigtail, i have another large ATU actually racal call it an AAMTU, that is the VRA 549c i think, it's capable of 1KW, and I use a pigtail conversion on that, thanks for the word

Stuart
G0TBI

-----Original Message-----
From: Paul Katz paulnkatz@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Wed, 11 Feb 2015 20:44
Subject: Re: [harris-radio] RF-382 ?

Just put a coax pigtail with whatever coax connector you want on the output of the antenna stud (center of coax) and ground stud (shield of coax), or make antenna coax end into a pigtail with lugs and connect accordingly.

73, Paul W5NTQ

On 2/11/2015 2:37 PM, 'W2HX' w2hx@... [harris-radio] wrote:

The switch is just option A15. Switches between coax and HV standoff

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, February 11, 2015 9:27 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-382 ?

Hi Guys an Gals

Without looking I think my RF-382 is one of the originals, and does Not have the coaxial connector (50 ohm ?) with the swing over arm

Was there an after Mod for the original, or can it be tricked into working into 50 ohm, say a typical resonant dipole?

Stuart

G0TBI

2221. Want to Purchae, TS-4350/PRCs

Yahoo group: harris-radio
Date: 2015-02-12 00:33:48 UTC
From: Pasquale Lombardi
Topic: 2221 Message: 2221

I want to purchase

TEST SET, RADIO FREQUENCY POWER, TS-4350/PRC

Please reply directly to me at

Pasquale.nj@...

Thank you,

Pat

Kc2rnn

2222. frequency hopping

Yahoo group: harris-radio
Date: 2015-02-12 17:08:31 UTC
From: Alan Morriss
Topic: 2222 Message: 2222

the RF138 sounds the sort of dream machine for hams who win the lottery! funny it depends on it's frequency hopping capabilities. this of course came from US patent no. 2,292,387 of 1942. it was filed by george antheil and hedwig koch. she was better known as hedy lamarr the film star.she was also a brilliant scientist, alan G4GEN

2223. Re: [harris-radio] PRC-138 Prices

Yahoo group: harris-radio
Date: 2015-02-12 19:16:46 UTC
From: prcradio@...
Topic: 2194 Message: 2223

My $25k quote is from many years ago, the PRC-138 has been out of production for a long time and there is no factory support. Its replacement is the PRC-150 or the civilian version RF-5800H-MP. I believe I was quoted $19k for a 5800.

Mike

2224. [harris-radio] PRC

Yahoo group: harris-radio
Date: 2015-02-13 00:34:57 UTC
From: two_wayradios@...
Topic: 2194 Message: 2224

See below for details.

FOR SALE;

Thales package includes:
VHF + UHF-R1 + UHF-R2 + 700/800 Radio
Warranty, Screen protector (Griffin smartphone - custom cut), Li-ion Battery, Charger, Belt Clip, Antenna, Side Cover, Programming Software, Wideband, Narrowband, P25 Digital, P25 Conventional, P25 Crypto, P25 Trunking, P25 OTAR, Audio adaptor, Analog, Standard Shipping (Continental US ONLY)

Total $3,000 USD
All items brand new, NOT/never used, in their ORIGINAL packaging!

Pictures upon request.

NO money orders, Western Union or Pay Pal gift payments!

Regards,

2225. Harris RF-5022R/T(E) help me .

Yahoo group: harris-radio
Date: 2015-02-14 02:25:08 UTC
From: mbchagasl@...
Topic: 2225 Message: 2225

Hello good night,I have the complete radio set Harris RF-5022R/T(E),RF-400W and RF-382A but its setting in the menu is different than in the manual that I have that friends of the group provided me,someone has tips of how to configure and the manual T(E) even with the coupler still do not have reading Watts and VSWR at some frequencies,has no error in the test.The options of my radio configuration is different from the standard manual.

Can anyone help me.

Thanks good night 73.

2226. RE: [harris-radio] Harris RF-5022R/T(E) help me .

Yahoo group: harris-radio
Date: 2015-02-14 02:33:53 UTC
From: Richard Johnson
Topic: 2225 Message: 2226

The E model is very different from the previous 5022 models. Its actually much better and has many more options available.
Sorry, i cant help you with the menu system or manual. If you play with it long enough you sill figure it out, plug it into a laptop and run hyperterminal and type help op and it will show a huge help command menu for you.
Rich Johnson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Fri, 13 Feb 2015 18:25:08 -0800
Subject: [harris-radio] Harris RF-5022R/T(E) help me .

Hello good night,I have the complete radio set Harris RF-5022R/T(E),RF-400W and RF-382A but its setting in the menu is different than in the manual that I have that friends of the group provided me,someone has tips of how to configure and the manual T(E) even with the coupler still do not have reading Watts and VSWR at some frequencies,has no error in the test.The options of my radio configuration is different from the standard manual.

Can anyone help me.

Thanks good night 73.

2227. RE: [harris-radio] Harris RF-5022R/T(E) help me .

Yahoo group: harris-radio
Date: 2015-02-14 03:09:45 UTC
From: mbchagasl@...
Topic: 2225 Message: 2227

Hello Rich good night ok thanks,now I have the programming cable I can connect he in my normal computer need some some program or software,if necessary you have?

Thanks good night Rich 73.

My email bruno_chagas_leite@hotmail.com

2228. Re: Harris RF-5022R/T(E) help me .

Yahoo group: harris-radio
Date: 2015-02-14 05:56:57 UTC
From: mbchagasl@...
Topic: 2225 Message: 2228

https://www.youtube.com/watch?v=5sRrzSxHxKs&feature=youtu.be
https://www.youtube.com/watch?v=5sRrzSxHxKs&feature=youtu.be

2230. RE: [harris-radio] RF-382 ?

Yahoo group: harris-radio
Date: 2015-02-14 06:01:44 UTC
From: Bruno Schagas
Topic: 2215 Message: 2230

https://www.youtube.com/watch?v=5sRrzSxHxKs&feature=youtu.be

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Wed, 11 Feb 2015 14:44:17 -0600
Subject: Re: [harris-radio] RF-382 ?

Just put a coax pigtail with whatever
coax connector you want on the output of the antenna stud (center
of coax) and ground stud (shield of coax), or make antenna coax
end into a pigtail with lugs and connect accordingly.

73, Paul W5NTQ

On 2/11/2015 2:37 PM, 'W2HX' w2hx@... [harris-radio] wrote:

The switch is
just option A15. Switches between coax and HV standoff

From:
harris-radio@yahoogroups.com
[mailto:harris-radio@yahoogroups.com]

Sent: Wednesday, February 11, 2015 9:27 AM

To: harris-radio@yahoogroups.com

Subject: [harris-radio] RF-382 ?

Hi Guys an Gals

Without looking I think my RF-382 is one of the
originals, and does Not have the coaxial connector
(50 ohm ?) with the swing over arm

Was there an after Mod for the original, or can
it be tricked into working into 50 ohm, say a
typical resonant dipole?

Stuart

G0TBI

2231. RE: [harris-radio] Re: RF-5022R/T(E) VSMR?

Yahoo group: harris-radio
Date: 2015-02-14 06:03:41 UTC
From: Bruno Schagas
Topic: 2109 Message: 2231

https://www.youtube.com/watch?v=5sRrzSxHxKs&feature=youtu.be

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Tue, 23 Dec 2014 12:09:14 -0800
Subject: [harris-radio] Re: RF-5022R/T(E) VSMR?

That test shows that the radio is talking to the amplifier. You don't need a coupler to see the VSWR.

Mine shows 453 Watts 1:1 VSWR with a dummy load attached.

As someone suggested, attach a wattmeter to the output, in CW mode you should get 400 or so watts into 50 ohms.

If you have a low power RF meter, at full power you should see about 100 milliwatts into the PA keyed in CW.

You can also monitor the voltage at the input of the PA, it should not go below ~23 vdc key down in CW.

If all these test are correct, you have a problem with the VSWR bridge in the PA or a suspect control cable from RT to PA

Steve

2232. RE: [harris-radio] Harris RF-5022R/T(E) help me .

Yahoo group: harris-radio
Date: 2015-02-14 15:19:55 UTC
From: Richard Johnson
Topic: 2225 Message: 2232

No, you don't need special software. HyperTerminal is a standard program on windows. You set the radio remote port to the same settings as your RS232 com port on the computer. Then try to connect it with hyperterminal. 1200 is a better setting than 2400 since some bits get lost programing at 2400.

Once you have that working, on the harris yahoo site there is a program called falcom. It is similar to hyperterminal but offeres special Function key operation to load programs and stuff. Its an old program written by harris.
Good luck
Rich Johnson

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Fri, 13 Feb 2015 19:09:45 -0800
Subject: RE: [harris-radio] Harris RF-5022R/T(E) help me .

Hello Rich good night ok thanks,now I have the programming cable I can connect he in my normal computer need some some program or software,if necessary you have?

Thanks good night Rich 73.

My email bruno_chagas_leite@...

2233. RE: [harris-radio] Harris RF-5022R/T(E) help me .

Yahoo group: harris-radio
Date: 2015-02-14 15:24:12 UTC
From: mbchagasl@...
Topic: 2225 Message: 2233

Hello Richard thank you very much for helping me thanks 73.

Best regards, Bruno Schagas.

My video of my Harris Harris RF-5022R/T(E) 400W P.A Menu PRGM,OPT,TEST.
https://www.youtube.com/watch?v=5sRrzSxHxKs&feature=youtu.be

https://www.youtube.com/watch?v=5sRrzSxHxKs&feature=youtu.be

Harris RF-5022R/T(E) 400W P.A Menu PRGM,OPT,TEST.
https://www.youtube.com/watch?v=5sRrzSxHxKs&feature=youtu.be Demonstration of the programming menu RF-5022R/T(E) and conducting of test of VSWR and power test. I'm having trouble understanding this radio programming a...

View on www.youtube.com https://www.youtube.com/watch?v=5sRrzSxHxKs&feature=youtu.be
Preview by Yahoo

2234. RE: [harris-radio] Harris RF-5022R/T(E) help me .

Yahoo group: harris-radio
Date: 2015-02-14 15:37:45 UTC
From: mbchagasl@...
Topic: 2225 Message: 2234

Hello Richard the program does not run on my computer Windows 7 64 Bits the program FALCON that runs only on Windows 95,98,NET,2000,XP,Server and Windows Vista and Vsita2 more not in Windows 7.

Now what?

2235. RE: [harris-radio] Harris RF-5022R/T(E) help me .

Yahoo group: harris-radio
Date: 2015-02-14 16:16:47 UTC
From: prcradio@...
Topic: 2225 Message: 2235

I would not say the E model is any better, but it was the last version sold by Harris. I believe it has the same receiver/exciter RF board and the performance should be the same as a 5020 or 5022 non E version. The problem I see with an E model is you cannot add any new boards or features like the previous versions without a factory supplied EPROM to allow the radio to accept the new additions.

In older models you could add ALE, digital voice and other options by just plugging in an appropriate board and maybe enabling the feature in a menu.

Mike

2236. RE: [harris-radio] Harris RF-5022R/T(E) help me .

Yahoo group: harris-radio
Date: 2015-02-14 16:32:25 UTC
From: Richard Johnson
Topic: 2225 Message: 2236

Yes Mike, from what I know you are right. From other things I have heard, most E models came with all the options.
The reason I think the E is better, is all the audio options etc, are accessible right through the front panel. In the 5022 model I have, they are only accessible through laptop interface. And on top of that, the E model has more options than are on the 5022. Jim and I were comparing audio options a while back and some of them just aren't on the 5022 even through the laptop.

I hope he is able to figure out all his issues, hes got a nice set up.
Rich Johnson

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Sat, 14 Feb 2015 08:16:47 -0800
Subject: RE: [harris-radio] Harris RF-5022R/T(E) help me .

I would not say the E model is any better, but it was the last version sold by Harris. I believe it has the same receiver/exciter RF board and the performance should be the same as a 5020 or 5022 non E version. The problem I see with an E model is you cannot add any new boards or features like the previous versions without a factory supplied EPROM to allow the radio to accept the new additions.

In older models you could add ALE, digital voice and other options by just plugging in an appropriate board and maybe enabling the feature in a menu.

Mike

2238. RE: [harris-radio] Harris RF-5022R/T(E) help me .

Yahoo group: harris-radio
Date: 2015-02-14 16:42:04 UTC
From: prcradio@...
Topic: 2225 Message: 2238

In my opinion the 5020 is best for ham use because you can access all functions from the front panel. This includes RF gain and speech clipping which are only accessible via computer on the 5022 series. The 5020 will also scroll through the entire frequency range with any given column, where the 5022 will only scroll within the limits of that column then repeat.

I've also noticed the 5022 series has a low level gunge sound in the transmitted audio. It might be the RWAS squelch encode since the demodulated audio gunge looks like a digital pulse train but we never could put a finger on it. The 5020 has much cleaner transmit audio.
Mike

2239. RE: [harris-radio] Harris RF-5022R/T(E) help me .

Yahoo group: harris-radio
Date: 2015-02-14 16:57:36 UTC
From: Richard Johnson
Topic: 2225 Message: 2239

From what I have heard you are right about the 5020 being the best for ham use. The 5022 is slow to change freqs, and some options just aren't there that exist in the 5020 and the 5022E.
Regards
Rich Johnson

www.RichardSJohnson.net

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"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Sat, 14 Feb 2015 08:42:04 -0800
Subject: RE: [harris-radio] Harris RF-5022R/T(E) help me .

In my opinion the 5020 is best for ham use because you can
access all functions from the front panel. This includes RF gain and speech
clipping which are only accessible via computer on the 5022 series. The 5020
will also scroll through the entire frequency range with any given column,
where the 5022 will only scroll within the limits of that column then repeat.

I've also noticed the 5022 series has a low level gunge sound in the
transmitted audio. It might be the RWAS squelch encode since the demodulated
audio gunge looks like a digital pulse train but we never could put a finger on
it. The 5020 has much cleaner transmit audio.

Mike

2240. RF-2117R/T PRC-117D power up issues

Yahoo group: harris-radio
Date: 2015-02-15 00:31:30 UTC
From: mmellinger100@...
Topic: 2240 Message: 2240

Hello,

I have a PRC-117D. It is attached to a vehicle power supply VRC-94. When I try to power up the radio I get 8 solid green boxes on the display and it stays like that. I have tried to run the self test it will not run. I have tried to run the self identity test it will not run. According to the manual when powered up it should display the voltage and then the radio will start up. The power supply takes 24 volts but it is providing 12 volts to the radio.

Any ideas as to what is wrong?

Thank you,

Mark
KE5QEO

2241. Re: RF-2117R/T PRC-117D power up issues

Yahoo group: harris-radio
Date: 2015-02-15 02:37:50 UTC
From: papakb@...
Topic: 2240 Message: 2241

Have you replaced the lithium keep alive batteries in the front panel?

Kurt
KG6KMJ

2243. RE: [harris-radio] Re: RF-2117R/T PRC-117D power up issues

Yahoo group: harris-radio
Date: 2015-02-15 16:05:42 UTC
From: Mark Mellinger
Topic: 2240 Message: 2243

Kurt,

I checked the batteries and they were putting out the proper voltage. I did not actually replace them however.

Thanks

Mark

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, February 14, 2015 8:38 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-2117R/T PRC-117D power up issues

Have you replaced the lithium keep alive batteries in the front panel?

Kurt

KG6KMJ

2244. RE: [harris-radio] Re: RF-2117R/T PRC-117D power up issues

Yahoo group: harris-radio
Date: 2015-02-15 22:59:03 UTC
From: prcradio@...
Topic: 2240 Message: 2244

The front panel batteries should only be for crypto retention, otherwise the 117 series should have a ni-cad battery on one of the boards inside the radio for frequency and other retention. If this battery is completely dead it may cause boot up problems.

Mike

2245. Re: [harris-radio] Re: RF-2117R/T PRC-117D power up issues

Yahoo group: harris-radio
Date: 2015-02-16 00:47:17 UTC
From: Mark Mellinger
Topic: 2240 Message: 2245

Thanks I'll check that.

Sent from my iPhone

> On Feb 15, 2015, at 4:59 PM, prcradio@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> The front panel batteries should only be for crypto retention, otherwise the 117 series should have a ni-cad battery on one of the boards inside the radio for frequency and other retention. If this battery is completely dead it may cause boot up problems.
>
> Mike
>
>

2246. Re: [harris-radio] Re: RF-2117R/T PRC-117D power up issues

Yahoo group: harris-radio
Date: 2015-02-16 01:39:38 UTC
From: prcradio@...
Topic: 2240 Message: 2246

The ni-cad is a small rectangular plastic package that can bee seen without removing the board. If you have to remove it the radio will work fine but will not maintain frequencies. Its a good idea to visually check the board anyway because the ni-cads are known to leak and damage the board.

Mike

2247. RE: [harris-radio] Re: RF-2117R/T PRC-117D power up issues

Yahoo group: harris-radio
Date: 2015-02-16 15:19:28 UTC
From: Mark Mellinger
Topic: 2240 Message: 2247

How many volts is this battery suppose to put out.

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, February 15, 2015 7:40 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: RF-2117R/T PRC-117D power up issues

The ni-cad is a small rectangular plastic package that can bee seen without removing the board. If you have to remove it the radio will work fine but will not maintain frequencies. Its a good idea to visually check the board anyway because the ni-cads are known to leak and damage the board.

Mike

2248. RE: [harris-radio] Re: RF-2117R/T PRC-117D power up issues

Yahoo group: harris-radio
Date: 2015-02-16 15:46:01 UTC
From: Mark Mellinger
Topic: 2240 Message: 2248

I disconnected the Ni Cad and no change still just get 8 green boxes in the display. Sometimes the display will start with 8 then change to 4 on the left side. Also on top of the A7 module a red light comes on when I turn on the radio.

I have now reconnected the battery.

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, February 15, 2015 7:40 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: RF-2117R/T PRC-117D power up issues

The ni-cad is a small rectangular plastic package that can bee seen without removing the board. If you have to remove it the radio will work fine but will not maintain frequencies. Its a good idea to visually check the board anyway because the ni-cads are known to leak and damage the board.

Mike

2249. RE: [harris-radio] Re: RF-2117R/T PRC-117D power up issues

Yahoo group: harris-radio
Date: 2015-02-16 18:25:08 UTC
From: prcradio@...
Topic: 2240 Message: 2249

Doesn't sound good. If all else fails I could use a synth module for a 117D(E) version.

Mike

2250. Please Note

Yahoo group: harris-radio
Date: 2015-02-17 06:51:20 UTC
From: va3rzs2@...
Topic: 2250 Message: 2250

I have been proud that this group need very little work to keep spammers out , and most of the time I don't need to jump in and stop a flame war or any thing childish , this just proves that we have a good bunch of people in the group

Even though I started this group for the harris Alphas , there was a need to expand the group to talk about all harris radios ,

I have noticed the group go a little sideways as what should or should not be posted , Please do not post some one else's contact info with out them saying it's ok

Remember the rules are simple here , and I want to keep it that way

Thank you

Richard Szajkowski
List owner

2251. Re: Please Note

Yahoo group: harris-radio
Date: 2015-02-19 05:47:52 UTC
From: papakb@...
Topic: 2250 Message: 2251

Richard,

Once again I would like to politely ask you to remove posting 2192.

Thank you,

Kurt Lesser

2252. Harris RF-1310A Exciter RS232

Yahoo group: harris-radio
Date: 2015-02-19 21:11:46 UTC
From: mark smith
Topic: 2252 Message: 2252

Hi,
I’m looking to try control my Harris RF-1310A Exciter using the remote control interface via RS232. I was wondering whether anyone else in this group had attempted to do this and had any information regarding the format for transmitting messages to the Exciter?

2253. Configuration RF-5022R/T(E) control interface via RS232 PC.

Yahoo group: harris-radio
Date: 2015-02-20 02:55:19 UTC
From: mbchagasl@...
Topic: 2253 Message: 2253

Hello good night staff,how I do to configure the RF to connect the notebook with Windows 7 I'm not getting set up the radio to connect on the computer,I do not know the step to step on the radio menu and the Falcon program available in the group does not run on Windows 7,someone has the program for Windows 7 and someone can help me showing how to configure the radio menu to connect the notebook RS232 1200.

Thanks good night

Best regards,

Bruno Schagas 73.

bruno_chagas_leite@hotmail.com

harris-radio https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/250798511#zax/614630156

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/250798511#zax/614630156

harris-radio https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/250798511#zax/614630156 Welcome to the Harris Radio User Group Anything Harris Alpha 2000 (UHF / VHF) Military And Other Harris Equipment please Keep All Messages Civil Thank...

View on groups.yahoo.com https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/250798511#zax/614630156
Preview by Yahoo

2254. RE: [harris-radio] Configuration RF-5022R/T(E) control interface via RS232 PC.

Yahoo group: harris-radio
Date: 2015-02-20 03:44:19 UTC
From: Richard Johnson
Topic: 2253 Message: 2254

Try the hyperterminal program. I think that came with windows 7.
If not you will have to get a windows xp old laptop. Lots of us use Panasonic toughbooks that are older off ebay.
If you still have trouble setting up the radio remote port I will try to get the menu tree for you.

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Thu, 19 Feb 2015 18:55:19 -0800
Subject: [harris-radio] Configuration RF-5022R/T(E) control interface via RS232 PC.

Hello good night staff,how I do to configure the RF to connect the notebook with Windows 7 I'm not getting set up the radio to connect on the computer,I do not know the step to step on the radio menu and the Falcon program available in the group does not run on Windows 7,someone has the program for Windows 7 and someone can help me showing how to configure the radio menu to connect the notebook RS232 1200.

Thanks good night

Best regards,

Bruno Schagas 73.

bruno_chagas_leite@...

harris-radio harris-radio Welcome to the Harris Radio User Group Anything Harris Alpha 2000 (UHF / VHF) Military And Other Harris Equipment please Keep All Messages Civil Thank... View on groups.yahoo.com Preview by Yahoo

2255. RE: [harris-radio] Configuration RF-5022R/T(E) control interface via RS232 PC.

Yahoo group: harris-radio
Date: 2015-02-20 03:55:36 UTC
From: mbchagasl@...
Topic: 2253 Message: 2255

Thanks you in my Windows 7 does not have the hyperterminal searched on google but only found a virus kkk,will be of great help the tree of menu 5022R/T(E),you have a secure website to indicate where can I download of hyperterminal?

Thank you very much Richard.

2256. RF-5033 and RF-5833 150 watt amp cables.

Yahoo group: harris-radio
Date: 2015-02-20 08:17:14 UTC
From: kaiser_1968_m715@...
Topic: 2256 Message: 2256

Good evening group.
I have been searching for the cables shown below with no luck. I have everything I need to build them, all except for the cannon plug that goes to the PA Control on the amp, plug J2. Does any one know what the MS#####-## number is? I have a RF-5833PA with the pre/post selector, and low pass filter. It works with the PRC-138, I just need to make cables that will allow it to move with out all the wires falling out of the sockets.
If anybody happens to have extras of any of the cables for this setup, I will gladly buy them? Thanks everyone.

Matt

2257. Re: RF-5033 and RF-5833 150 watt amp cables.

Yahoo group: harris-radio
Date: 2015-02-20 08:23:30 UTC
From: kaiser_1968_m715@...
Topic: 2256 Message: 2257

I guess pictures don't show on the messages. The cable numbers are:
10497-5025-01
10497-5035-01
10497-0520-01
10497-0505-01
I will add pics in the files section.

Matt
KL2IC

2258. Re: [harris-radio] Re: RF-5033 and RF-5833 150 watt amp cables.

Yahoo group: harris-radio
Date: 2015-02-20 08:28:30 UTC
From: Casy_ch
Topic: 2256 Message: 2258

The picture came in without problem.

Jean-Claude, HB3YDH

Am 20.02.2015 um 09:23 schrieb kaiser_1968_m715@... [harris-radio]:
>
> I guess pictures don't show on the messages. The cable numbers are:
>
> 10497-5025-01
>
> 10497-5035-01
>
> 10497-0520-01
>
> 10497-0505-01
>
> I will add pics in the files section.
>
>
> Matt
>
> KL2IC
>
>

2259. Re: RF-5033 and RF-5833 150 watt amp cables.

Yahoo group: harris-radio
Date: 2015-02-20 08:45:19 UTC
From: kaiser_1968_m715@...
Topic: 2256 Message: 2259

[Body unavailable in the source archive]

2260. RE: [harris-radio] RF-5033 and RF-5833 150 watt amp cables.

Yahoo group: harris-radio
Date: 2015-02-20 15:07:00 UTC
From: Richard Johnson
Topic: 2256 Message: 2260

Pictures do not show through on the group messages.
I have the plugs as I have made up several 138 to PA cables. I will look up the part number for you.
I will also send you the info where to get them, when I can dig his pone number out.

You will never find the cables. They are non existant on the surplus market.
Regards
Rich Johnson

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Fri, 20 Feb 2015 00:17:14 -0800
Subject: [harris-radio] RF-5033 and RF-5833 150 watt amp cables.

Good evening group.
I have been searching for the cables shown below with no luck. I have everything I need to build them, all except for the cannon plug that goes to the PA Control on the amp, plug J2. Does any one know what the MS#####-## number is? I have a RF-5833PA with the pre/post selector, and low pass filter. It works with the PRC-138, I just need to make cables that will allow it to move with out all the wires falling out of the sockets.
If anybody happens to have extras of any of the cables for this setup, I will gladly buy them? Thanks everyone.

Matt

2261. Re: RF-5033 and RF-5833 150 watt amp cables.

Yahoo group: harris-radio
Date: 2015-02-20 20:17:05 UTC
From: steve@...
Topic: 2256 Message: 2261

Be careful which PRC-138 you have. They don't all work with an RF-5833. I think only V2 versions work correctly, earlier radios seem to work but power control is incorrect for the RF-5833. They will work with the RF-5032-125W pa.

Steve KD2OM

2262. Re: RF-5033 and RF-5833 150 watt amp cables.

Yahoo group: harris-radio
Date: 2015-02-21 05:32:17 UTC
From: kaiser_1968_m715@...
Topic: 2256 Message: 2262

I'm still trying to build the cables. How can you tell if the 138 is a v2 or not? Thanks again.

Matt
KL2IC

2263. RE: [harris-radio] Re: RF-5033 and RF-5833 150 watt amp cables.

Yahoo group: harris-radio
Date: 2015-02-21 05:34:19 UTC
From: Richard Johnson
Topic: 2256 Message: 2263

If its a V2 it will say (B) or (V2) they vary...
And it wont drive the 5833 amplifier if its a V1
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Fri, 20 Feb 2015 21:32:17 -0800
Subject: [harris-radio] Re: RF-5033 and RF-5833 150 watt amp cables.

I'm still trying to build the cables. How can you tell if the 138 is a v2 or not? Thanks again.

Matt

KL2IC

2264. RE: [harris-radio] Re: RF-5033 and RF-5833 150 watt amp cables.

Yahoo group: harris-radio
Date: 2015-02-21 06:56:37 UTC
From: kaiser_1968_m715@...
Topic: 2256 Message: 2264

Rich, you mind if I call you that. Thanks for the help. It must be a v2, I hobled enough together to try it out. Without a coupler into a dummy load the amp put out 93 watts with a vswr of 1.9To1.

2265. RE: [harris-radio] Re: RF-5033 and RF-5833 150 watt amp cables.

Yahoo group: harris-radio
Date: 2015-02-21 17:41:34 UTC
From: steve@...
Topic: 2256 Message: 2265

I am pretty sure the V2 versions are CARC paint and the V1's are shiny OD. You should get about 150 watts output.
The wrong version will overdrive the amp because it won't know it is being asked to be an exciter instead of a 20 watt radio.
You should be able to tell if the selftest "versions" shows all the modules, including the internal prepost selector.
Another clue is if the modem has a "serial" waveform. V1 radios only had 39Tone data modems along with FSK. The B version has serial tone as well.
The RF-5833 is really only meant for the RF-5800H, RF-7800H and the AN/PRC-150. The RF-5033 is for the PRC-138. The 125 watt and 400 watt pa's work with all versions of the 138.
If you google for Harris RF-5200 you should find some information.

73
Steve KD2OM/NNN0HSB

2266. RT-1406A/PRC-117 battery Box power cable

Yahoo group: harris-radio
Date: 2015-02-22 01:19:19 UTC
From: wayne.nakata@...
Topic: 2266 Message: 2266

Hi All,

Would anyone know where I can obtain the battery to radio box power cable (part number) or where to get parts to build one?

Thank You

Wayne
N1WPN

2267. Re: RT-1406A/PRC-117 battery Box power cable

Yahoo group: harris-radio
Date: 2015-02-22 01:47:55 UTC
From: prcradio@...
Topic: 2266 Message: 2267

Could you elaborate a little more? There were two types of 117, 117A and 117D batteries to my knowledge. The original was a Ni-Cad that snapped on the radio with no cable and the other was an adapter box for BB-X90 style batts and there was no cable used with that one either.

The batteries had female sockets compatible with standard banana plugs and the radio had male banana plugs as the interface.
Mike

2268. Re: RT-1406A/PRC-117 battery Box power cable

Yahoo group: harris-radio
Date: 2015-02-22 18:30:05 UTC
From: wayne.nakata@...
Topic: 2266 Message: 2268

Hi, Just posted a picture of the battery box I have. I need the cable from the female banana to the battery. Would the battery type from the PRC-77 fit into this box. I no longer have my 77's or batteries to verify.
Thank you

2269. Re: RT-1406A/PRC-117 battery Box power cable

Yahoo group: harris-radio
Date: 2015-02-22 19:29:22 UTC
From: prcradio@...
Topic: 2266 Message: 2269

The picture looks like the original Ni-Cad battery box which had 10 D size Ni-Cads soldered together and to the battery terminals. There was no specific battery cable inside the box or between the battery and radio. A PRC-77 battery is much larger than the 117 box.
Mike

2270. Re: RT-1406A/PRC-117 battery Box power cable

Yahoo group: harris-radio
Date: 2015-02-22 19:54:26 UTC
From: wayne.nakata@...
Topic: 2266 Message: 2270

Hi,
Thank you, I can make up something, now that you let me know what type box it was. I want to keep as original as possible.

Wayne

2271. Re: RT-1406A/PRC-117 battery Box power cable

Yahoo group: harris-radio
Date: 2015-02-22 23:18:56 UTC
From: papakb@...
Topic: 2266 Message: 2271

Wayne,

That battery box clips directly onto the back of the 117D radio. There is no cable between them.

Kurt

2272. Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-02-22 18:35:37 UTC
From: Stuartjmckinnon@...
Topic: 2272 Message: 2272

Hi Guys

Since experimenting with this unit, which works very well after settling down at 154 watts and 1.4 to one on 80 mtrs, has an initial display of internal comm fault, this did in the early days take at least three minutes to clear and finally initialise, it's now after a few weeks down to 2.5 mins, is it the opinion, it could be a HUB or other battery, and if so, what is the type and where is it located?

many thanks

Stuart
G0TBI

2273. Re: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-02-23 17:09:14 UTC
From: Stuartjmckinnon@...
Topic: 2272 Message: 2273

Test Tx Test tx do not reply

Stuart
G0TBI
17.09hrsUTC

2274. Re: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-02-24 01:09:50 UTC
From: steve@...
Topic: 2272 Message: 2274

There are 2 batteries in the RF-5022, one in the front panel and one on the A6 main controller card. They are type Eagle Picher LTC-7PN. They are available from several sources, I just replaced one in my RF-5022 with one I bought on eBay. The radio was forgetting memory channels. I measured the battery in the front panel and the battery voltage was correct.

73
Steve KD2OM

2275. Re: [harris-radio] Re: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-02-24 07:57:53 UTC
From: Stuart Mckinnon
Topic: 2272 Message: 2275

Thanks Steve

very useful, I will try and locate one of these several places

Stuart
G0TBI

-----Original Message-----
From: steve@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Tue, 24 Feb 2015 1:09
Subject: [harris-radio] Re: Harris RF-5022 Time delay

There are 2 batteries in the RF-5022, one in the front panel and one on the A6 main controller card. They are type Eagle Picher LTC-7PN. They are available from several sources, I just replaced one in my RF-5022 with one I bought on eBay. The radio was forgetting memory channels. I measured the battery in the front panel and the battery voltage was correct.

73
Steve KD2OM

2276. Re: [harris-radio] Re: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-02-24 08:04:52 UTC
From: Stuart Mckinnon
Topic: 2272 Message: 2276

heres one I found already steve

http://www.smallbattery.company.org.uk/sbc_er651625-S2.htm

If they are lithium, are they rechargeable?

Stuart
G0TBI

-----Original Message-----
From: steve@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Tue, 24 Feb 2015 1:09
Subject: [harris-radio] Re: Harris RF-5022 Time delay

There are 2 batteries in the RF-5022, one in the front panel and one on the A6 main controller card. They are type Eagle Picher LTC-7PN. They are available from several sources, I just replaced one in my RF-5022 with one I bought on eBay. The radio was forgetting memory channels. I measured the battery in the front panel and the battery voltage was correct.

73
Steve KD2OM

2277. Re: [harris-radio] Re: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-02-24 17:35:33 UTC
From: S C Marrow
Topic: 2272 Message: 2277

No per the specs here:

http://www.mouser.com/ProductDetail/Eagle-Picher/LTC-7PN/?qs=MQ89PJz411eYa9xYuMhefA%3D%3D&kpid=2063388&gclid=CNj_id-O-8MCFeFj7AodpmIAHA

Steve
KM4V

2278. Re: [harris-radio] Re: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-02-24 17:39:05 UTC
From: S C Marrow
Topic: 2272 Message: 2278

Also they don't last long if you don't use the radio often. I replaced mine and it was gone in about a year or maybe just a little more; only used the radio every once an evening every 2 or 3 months.

Steve
KM4V

2279. Re: [harris-radio] Re: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-02-24 19:02:47 UTC
From: steve@...
Topic: 2272 Message: 2279

They will work fine. They are not rechargeable which is ok as the radio doesn't recharge them. The ones I used have 4 legs. The two leg version just won't pass a vibe test. They last quite awhile as long as you use the radio. Our newer radios have a disconnect switch position to save the HUB when the radio is in storage.

Steve KD2OM/NNN0HSB

2280. Re: [harris-radio] Re: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-02-24 18:11:41 UTC
From: Stuart Mckinnon
Topic: 2272 Message: 2280

Ok Steve

well that makes sense as this kit lay idle for at least 9 years plus and was last used in Bosnia, so i will open up the sets and check out the batteries

Cheers

Stuart
G0TBI

-----Original Message-----
From: 'S C Marrow' Highpwr@... [harris-radio] <harris-radio@...m>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Tue, 24 Feb 2015 17:39
Subject: Re: [harris-radio] Re: Harris RF-5022 Time delay

□
Also they don't last long if you don't use the radio often. I replaced mine and it was gone in about a year or maybe just a little more; only used the radio every once an evening every 2 or 3 months.

Steve
KM4V

2281. Re: [harris-radio] Re: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-02-24 20:53:11 UTC
From: mmurphys@...
Topic: 2272 Message: 2281

I have a few new left from the prc-138 kits we replaced them in

LTC-7PN MEMORY BATTERY NEW $22 EA.
FITS HARRIS RF-5000 AND PRC-138 SYSTEMS

http://www.murphyjunk.net//wp-content/uploads/2013/05/KEEPER.jpg
http://www.murphyjunk.net//wp-content/uploads/2013/05/KEEPER.jpg

http://www.murphyjunk.net//wp-content/uploads/2013/05/KEEPER.jpg

http://www.murphyjunk.net//wp-content/uploads/2013/05/KE...
http://www.murphyjunk.net//wp-content/uploads/2013/05/KEEPER.jpg

View on www.mur... http://www.murphyjunk.net//wp-content/uploads/2013/05/KEEPER.jpg
Preview by Yahoo

2282. Re: [harris-radio] Re: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-02-24 21:04:56 UTC
From: two_wayradios@...
Topic: 2272 Message: 2282

Question!

How much do you typically as for PRC138's V1, V2, etc?

I'm trying to find out what options are out there for HF ALE at what cost.

Regards,

> On Feb 24, 2015, at 12:53, mmurphys@... [harris-radio] <harris-radio@yahoogroups.com>
wrote:
>
> I have a few new left from the prc-138 kits we replaced them in
>
>
> LTC-7PN MEMORY BATTERY NEW $22 EA.
> FITS HARRIS RF-5000 AND PRC-138 SYSTEMS
>
>
> http://www.murphyjunk.net//wp-content/uploads/2013/05/KEEPER.jpg
>
> http://www.murphyjunk.net//wp-content/uploads/2013/05/KE...
> View on www.mur...
> Preview by Yahoo
>
>
>
>
>

2283. Re: [harris-radio] Re: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-02-25 05:20:09 UTC
From: Peter Stokes
Topic: 2272 Message: 2283

If there is an ALE board in the radio there is also a battery on the ALE card. Same one LTC-7PN.They are lithium but not rechargeable. Approx 10 yr life.
Pete - KJ4PPY

On Monday, February 23, 2015 6:09 PM, "steve@ecsykes.com [harris-radio]" <harris-radio@yahoogroups.com> wrote:

There are 2 batteries in the RF-5022, one in the front panel and one on the A6 main controller card. They are type Eagle Picher LTC-7PN. They are available from several sources, I just replaced one in my RF-5022 with one I bought on eBay. The radio was forgetting memory channels. I measured the battery in the front panel and the battery voltage was correct.

73
Steve KD2OM

2284. Re: [harris-radio] Re: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-02-25 05:25:17 UTC
From: Peter Stokes
Topic: 2272 Message: 2284

I've recently re-batteried a 5022e and a 138 from these guys. http://www.mbsbattery.com Reasonable prices. Be careful the eagle pitcher battery has 4 leads to keep the battery tight against the PCB when its soldered in. The photo of the one in an earlier post only had two leads, leaving one end loose.
Pete - KJ4PPY

On Tuesday, February 24, 2015 9:22 AM, "Stuart Mckinnon Stuartjmckinnon@... [harris-radio]" <harris-radio@yahoogroups.com> wrote:

  Thanks Steve very useful, I will try and locate one of these several places StuartG0TBI -----Original Message-----
From: steve@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Tue, 24 Feb 2015 1:09
Subject: [harris-radio] Re: Harris RF-5022 Time delay

  There are 2 batteries in the RF-5022, one in the front panel and one on the A6 main controller card. They are type Eagle Picher LTC-7PN. They are available from several sources, I just replaced one in my RF-5022 with one I bought on eBay. The radio was forgetting memory channels. I measured the battery in the front panel and the battery voltage was correct.

73
Steve KD2OM

2285. Re: [harris-radio] Re: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-02-24 20:58:29 UTC
From: Stuart Mckinnon
Topic: 2272 Message: 2285

well Mike if only the fairys would ship one to the UK Ha Ha

Cheers
Stuart
G0TBI

-----Original Message-----
From: mmurphys@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Tue, 24 Feb 2015 20:53
Subject: Re: [harris-radio] Re: Harris RF-5022 Time delay

I have a few new left from the prc-138 kits we replaced them in

LTC-7PN MEMORY BATTERY NEW $22 EA.
FITS HARRIS RF-5000 AND PRC-138 SYSTEMS

http://www.murphyjunk.net//wp-content/uploads/2013/05/KEEPER.jpg

http://www.murphyjunk.net//wp-content/uploads/2013/05/KE...

Vi ew on www.mur...

Preview by Yahoo

2286. Re: [harris-radio] Re: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-02-24 21:08:49 UTC
From: Stuart Mckinnon
Topic: 2272 Message: 2286

Why do not people say what there names are?

Stuart
G0TBI

-----Original Message-----
From: two_wayradios@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Tue, 24 Feb 2015 21:05
Subject: Re: [harris-radio] Re: Harris RF-5022 Time delay

Question!

How much do you typically as for PRC138's V1, V2, etc?

I'm trying to find out what options are out there for HF ALE at what cost.

Regards,

On Feb 24, 2015, at 12:53, mmurphys@sbcglobal.net [harris-radio]
<harris-radio@yahoogroups.com> wrote:

I have a few new left from the prc-138 kits we replaced them in

LTC-7PN MEMORY BATTERY NEW $22 EA.
FITS HARRIS RF-5000 AND PRC-138 SYSTEMS

http://www.murphyjunk.net//wp-content/uploads/2013/05/KEEPER.jpg

< tr class="link-enhancr-element">

http://www.murphyjunk.net//wp-content/uploads/2013/05/KE...

View on www.mur...

Preview by Yahoo

2287. Re: [harris-radio] Re: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-02-25 09:13:56 UTC
From: Stuart Mckinnon
Topic: 2272 Message: 2287

Copied Pete

Thanks

Stuart
G0TBI

-----Original Message-----
From: Peter Stokes stokespeter@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Wed, 25 Feb 2015 5:25
Subject: Re: [harris-radio] Re: Harris RF-5022 Time delay

I've recently re-batteried a 5022e and a 138 from these guys. http://www.mbsbattery.com

Reasonable prices. Be careful the eagle pitcher battery has 4 leads to keep the battery tight against the PCB when its soldered in. The photo of the one in an earlier post only had two leads, leaving one end loose.

Pete - KJ4PPY

On Tuesday, February 24, 2015 9:22 AM, "Stuart Mckinnon Stuartjmckinnon@... [harris-radio]" <harris-radio@yahoogroups.com> wrote:

Thanks Steve

very useful, I will try and locate one of these several places

Stuart
G0TBI

-----Original Message-----
From: steve@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Tue, 24 Feb 2015 1:09
Subject: [harris-radio] Re: Harris RF-5022 Time delay

There are 2 batteries in the RF-5022, one in the front panel and one on the A6 main controller card. They are type Eagle Picher LTC-7PN. They are available from several sources, I just replaced one in my RF-5022 with one I bought on eBay. The radio was forgetting memory channels. I measured the battery in the front panel and the battery voltage was correct.

73
Steve KD2OM

2288. Re: [harris-radio] Re: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-02-25 09:10:42 UTC
From: Stuart Mckinnon
Topic: 2272 Message: 2288

OK Pete

Thanks for that, I do not think there is an ALE board, but will know more when I open it up !

Stuart
G0TBI

-----Original Message-----

From: Peter Stokes stokespeter@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Wed, 25 Feb 2015 5:20
Subject: Re: [harris-radio] Re: Harris RF-5022 Time delay

If there is an ALE board in the radio there is also a battery on the ALE card. Same one LTC-7PN.
They are lithium but not rechargeable. Approx 10 yr life.

Pete - KJ4PPY

On Monday, February 23, 2015 6:09 PM, "steve@... [harris-radio]" <harris-radio@yahoogroups.com> wrote:

There are 2 batteries in the RF-5022, one in the front panel and one on the A6 main controller card. They are type Eagle Picher LTC-7PN. They are available from several sources, I just replaced one in my RF-5022 with one I bought on eBay. The radio was forgetting memory channels. I measured the battery in the front panel and the battery voltage was correct.

73
Steve KD2OM

2289. Re: [harris-radio] Re: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-02-26 00:23:36 UTC
From: S C Marrow
Topic: 2272 Message: 2289

Mouser has them for $15 and change.

KM4V

2290. Re: RF-5033 and RF-5833 150 watt amp cables.

Yahoo group: harris-radio
Date: 2015-02-26 08:25:09 UTC
From: kaiser_1968_m715@...
Topic: 2256 Message: 2290

Does any one have a pinout of the cable that goes from the amp to coupler. I bought cannon plugs but the manuals have different names for the pins and are quite confusing. I don't want to fry anything. Thank you.

Matt
KL2IC

2291. Re: [harris-radio] Re: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-02-26 09:46:27 UTC
From: Stuart Mckinnon
Topic: 2272 Message: 2291

Thanks

They are about £9 in the UK, but need to check them out when lids and panels removed, maybe the weekend

Cheers

Stuart
G0TBI

-----Original Message-----
From: 'S C Marrow' Highpwr@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Thu, 26 Feb 2015 0:23
Subject: Re: [harris-radio] Re: Harris RF-5022 Time delay

□

Mouser has them for $15 and change.

KM4V

2292. RE: [harris-radio] Re: RF-5033 and RF-5833 150 watt amp cables.

Yahoo group: harris-radio
Date: 2015-02-26 15:08:21 UTC
From: Roger Waldmiller
Topic: 2256 Message: 2292

Hi Matt: Will this help, basically it is the same ca for the 5000 setuo.

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, February 26, 2015 3:25 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-5033 and RF-5833 150 watt amp cables.

Does any one have a pinout of the cable that goes from the amp to coupler. I bought cannon plugs but the manuals have different names for the pins and are quite confusing. I don't want to fry anything. Thank you.

Matt
KL2IC

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

[Non-text portions of this message have been removed]

2293. Speaker

Yahoo group: harris-radio
Date: 2015-02-28 00:47:23 UTC
From: Stuart Mckinnon
Topic: 2293 Message: 2293

Hi Group

Can someone tell me what radio kit this speaker is applicable to

RF-5980-SA001
10181-5180-01

picture posted to photo's section

Stuart
G0TBI

I have been offered a pair, not sure what they change hands for price wise?

2294. Re: Speaker

Yahoo group: harris-radio
Date: 2015-02-28 18:10:48 UTC
From: steve@...
Topic: 2293 Message: 2294

It is a powered speaker meant to be used with vehicle amplifiers for the RF-5800H, PRC-150, PRC-117. There are cables to match specific radios.

73
Steve KD2OM

2295. Re: [harris-radio] Re: Speaker

Yahoo group: harris-radio
Date: 2015-02-28 18:31:02 UTC
From: Stuart Mckinnon
Topic: 2293 Message: 2295

OK Steve

At the moment I only have RT-138, RF-5000 and RF-5022, are they useful for me?

Stuart

-----Original Message-----
From: steve@ecsykes.com [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sat, 28 Feb 2015 18:10
Subject: [harris-radio] Re: Speaker

It is a powered speaker meant to be used with vehicle amplifiers for the RF-5800H, PRC-150, PRC-117. There are cables to match specific radios.

73
Steve KD2OM

2296. Help me Self-Test Power and VSWR RF-5022R/T ?

Yahoo group: harris-radio
Date: 2015-02-28 19:46:30 UTC
From: mbchagasl@...
Topic: 2296 Message: 2296

Hello good afternoon everyone,I am with a doubt when do the test of Power and VSWR in the radio set does not always he of the reading and not of the any error also in Self-Test (RF-5022,PA 400W and Coupler 382A) I am using a dipole antenna for range of 40 meters 7.052 to 7.155,sometimes when I use the radio without the coupler then it shows the Power Watts and VSWR but only at very high frequencies 7.455 , 7655 Power 395 or 255 and VSWR 3.3 ,1.5 or 5.0 but at certain frequencies the antenna does not show the correct frequency of the antenna 7.052 to 7.155,even using the coupler or just PA the test only indicates POWER - - - - : WATT and VSWR - - - - : 1 because it is not having reading what that means?
The sources connected in parallel today already have the original cable ok.

Thanks good aftermoon.

Best regards,

Bruno Schagas bruno_chagas_leite@hotmail.com /73.

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/1015911363?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1015911363 https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/1015911363?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1015911363

Video:
Harris RF-5022R/T(E) 400W P.A Menu PRGM,OPT,TEST.
https://www.youtube.com/watch?v=5sRrzSxHxKs

Part-2 Harris RF-5022R/T(E) Test VSWR and Power Amp 400W.
https://www.youtube.com/watch?v=_kKzCyRDS5w

Part-1 Harris RF-5022R/T(E) Test VSWR and Power Amp 400W.
https://www.youtube.com/watch?v=arKRFLbcUVA

https://www.youtube.com/watch?v=arKRFLbcUVA

Part-1 Harris RF-5022R/T(E) Test VSWR and Power Am...
https://www.youtube.com/watch?v=arKRFLbcUVA Test not conclusive: POWER: ------- WATT VSWR: --------- : 1 Because stay so is normal or only works with the coupler? Part 2: https://www.youtube.com/watch...

View on www.youtube.com https://www.youtube.com/watch?v=arKRFLbcUVA
Preview by Yahoo

https://www.youtube.com/watch?v=_kKzCyRDS5w

Part-2 Harris RF-5022R/T(E) Test VSWR and Power Am...
https://www.youtube.com/watch?v=_kKzCyRDS5w Test not conclusive. In the frequency of channels of this reading CH-01...20 Band of 40Meters POWER: ------- WATT VSWR: --------- : 1 Because stay so is norm...

View on www.youtube.com https://www.youtube.com/watch?v=_kKzCyRDS5w
Preview by Yahoo

https://www.youtube.com/watch?v=5sRrzSxHxKs

Harris RF-5022R/T(E) 400W P.A Menu PRGM,OPT,TEST.
https://www.youtube.com/watch?v=5sRrzSxHxKs Demonstration of the programming menu RF-5022R/T(E) and conducting of test of VSWR and power test. I'm having trouble understanding this radio programming a...

View on www.youtube.com https://www.youtube.com/watch?v=5sRrzSxHxKs
Preview by Yahoo

2297. HARRIS RF-7401 REMOTE CONTROL

Yahoo group: harris-radio
Date: 2015-03-01 03:46:36 UTC
From: L Ritta
Topic: 2297 Message: 2297

Hello All

Anyone know what radio uses the HARRIS RF-7401 REMOTE CONTROL ?

73’s Lee

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

2298. Re: [harris-radio] Re: Speaker

Yahoo group: harris-radio
Date: 2015-03-01 03:50:25 UTC
From: S C Marrow
Topic: 2293 Message: 2298

I HAVE 5 OF THESE & USE THEM WITH MANY DIFFERNT MILL RADIOS AND PACKSETS....JUST MAKE UP MY OWN CABLES AS NEEDED....VERY NICE AMPLIFIED SPEAKED WITH INDEPENDANT VOLUME CONTROLS FOR HANDSET AND SPEAKER + SPEAKER ON OFF SWITHCH (KILLS AUDIO TO SPEAKER BUT NOT HANDSET) AND THEY MUTE THE SPEAKER DURING PTT....PAID $45 US FOR ONE, AND OTHERS WERE ABOUT $30. US....HOWEVR PEOPLE TRY TO GET AROUND $100 ALL THE WAY UP TO $1000.....Ha Ha & CRAZY....ONE JUST NEEDS TO SHOP A BIT.

Steve
KMV

2299. RE: [harris-radio] Re: Speaker

Yahoo group: harris-radio
Date: 2015-03-01 03:59:08 UTC
From: D. Emer
Topic: 2293 Message: 2299

Steve,

Can you post the pin outs for these.

Dud

KK7IF

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, February 28, 2015 8:50 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Speaker

□

I HAVE 5 OF THESE & USE THEM WITH MANY DIFFERNT MILL RADIOS AND PACKSETS....JUST MAKE UP MY OWN CABLES AS NEEDED....VERY NICE AMPLIFIED SPEAKED WITH INDEPENDANT VOLUME CONTROLS FOR HANDSET AND SPEAKER + SPEAKER ON OFF SWITHCH (KILLS AUDIO TO SPEAKER BUT NOT HANDSET) AND THEY MUTE THE SPEAKER DURING PTT....PAID $45 US FOR ONE, AND OTHERS WERE ABOUT $30. US....HOWEVR PEOPLE TRY TO GET AROUND $100 ALL THE WAY UP TO $1000.....Ha Ha & CRAZY....ONE JUST NEEDS TO SHOP A BIT.

Steve

KMV

2300. Re: [harris-radio] Re: Speaker

Yahoo group: harris-radio
Date: 2015-03-01 07:51:11 UTC
From: Brooke Clarke
Topic: 2293 Message: 2300

Hi Dud:

On the off chance that these amplified speakers are interchangable here's some info on the MRC-67A.
http://www.prc68.com/I/MRC67.shtml

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
'D. Emer' dfemer@... [harris-radio] wrote:
>
>
> Steve,
>
> Can you post the pin outs for these.
>
> Dud
>
> KK7IF
>
> *From:*harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> *Sent:* Saturday, February 28, 2015 8:50 PM
> *To:* harris-radio@yahoogroups.com
> *Subject:* Re: [harris-radio] Re: Speaker
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> I HAVE 5 OF THESE & USE THEM WITH MANY DIFFERNT MILL RADIOS AND PACKSETS....JUST MAKE UP MY OWN CABLES AS
> NEEDED....VERY NICE AMPLIFIED SPEAKED WITH INDEPENDANT VOLUME CONTROLS FOR HANDSET AND SPEAKER + SPEAKER ON OFF
> SWITHCH (KILLS AUDIO TO SPEAKER BUT NOT HANDSET) AND THEY MUTE THE SPEAKER DURING PTT....PAID $45 US FOR ONE, AND
> OTHERS WERE ABOUT $30. US....HOWEVR PEOPLE TRY TO GET AROUND $100 ALL THE WAY UP TO $1000.....Ha Ha & CRAZY....ONE
> JUST NEEDS TO SHOP A BIT.
>
> Steve

>
> KMV
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2301. Re: [harris-radio] HARRIS RF-7401 REMOTE CONTROL

Yahoo group: harris-radio
Date: 2015-03-01 09:14:27 UTC
From: Nieuw Asterd BV/Henk Koning
Topic: 2297 Message: 2301

Lee, the 230 range can be used with the 7401.

Regards,
Henk

Met vriendelijke groeten,

Nieuw Asterd BV

Henk Koning

Nieuw Asterd 37
4823 GD Breda
Tel: + 31 (0)6 109 65 882

2015-03-01 4:46 GMT+01:00 'L Ritta' vk5abc@adam.com.au [harris-radio] <
harris-radio@yahoogroups.com>:

>
>
>
>
> Hello All
>
> Anyone know what radio uses the HARRIS RF-7401 REMOTE CONTROL ?
>
>
>
>
>
> 73’s Lee
>
>
> ----------
> <http://www.avast.com/>
>
> This email has been checked for viruses by Avast antivirus software.
> www.avast.com
>
>
>

2302. Re: [harris-radio] Re: Speaker

Yahoo group: harris-radio
Date: 2015-03-01 10:58:30 UTC
From: Stuart Mckinnon
Topic: 2293 Message: 2302

OK Steve

Seems it's of similar design/function as the other one which the British Used in Bosnia, produced by ABP , photo just uploaded, you can only see the front at the mo, I will try and take others but same functions and a cracking speaker !

Stuart
G0TBI

-----Original Message-----
From: 'S C Marrow' Highpwr@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sun, 1 Mar 2015 3:50
Subject: Re: [harris-radio] Re: Speaker

□

I HAVE 5 OF THESE & USE THEM WITH MANY DIFFERNT MILL RADIOS AND PACKSETS....JUST MAKE UP MY OWN CABLES AS NEEDED....VERY NICE AMPLIFIED SPEAKED WITH INDEPENDANT VOLUME CONTROLS FOR HANDSET AND SPEAKER + SPEAKER ON OFF SWITHCH (KILLS AUDIO TO SPEAKER BUT NOT HANDSET) AND THEY MUTE THE SPEAKER DURING PTT....PAID $45 US FOR ONE, AND OTHERS WERE ABOUT $30. US....HOWEVR PEOPLE TRY TO GET AROUND $100 ALL THE WAY UP TO $1000.....Ha Ha & CRAZY....ONE JUST NEEDS TO SHOP A BIT.

Steve

KMV

2303. Off Topic Thales Unit help needed

Yahoo group: harris-radio
Date: 2015-03-01 12:08:53 UTC
From: Stuartjmckinnon@...
Topic: 2303 Message: 2303

Hi Group

This is also offered to me Ex UK USAF Base? see Photo's section, i will remove it in a week, if that's OK by moderators

Stuart
G0TBI

2304. Re: Off Topic Thales Unit help needed

Yahoo group: harris-radio
Date: 2015-03-01 15:40:20 UTC
From: steve@...
Topic: 2303 Message: 2304

It is an amplifier for an MBITR and it looks like the MBITR is installed. Lookup AN/PRC-148. If it came from the USAF, it might have type 1 encryption capability which would be a problem here but may not be where you are.
From my point of view all Thales stuff is junk but others may not have that opinion. The MBITR was probably the most used radio for quite some time and they are still in use. The newer version is a poor substitute for an AN/PRC-152.
I will admit to being Harris biased...

Steve KD2OM

2305. Re: Off Topic Thales Unit help needed

Yahoo group: harris-radio
Date: 2015-03-01 16:50:31 UTC
From: prcradio@...
Topic: 2303 Message: 2305

It is a Thales MBITR amplifier with AC power supply and the MBITR is installed. However, its missing the control keypad on the amplifier. If the MBITR has a battery it will hopefully fire right up if you pull it from the amplifier..

I find the Thales radios work very well and the MBITR has a stellar performance record.
Mike

2306. Re: [harris-radio] Re: Off Topic Thales Unit help needed

Yahoo group: harris-radio
Date: 2015-03-01 17:19:46 UTC
From: Chance Wolf
Topic: 2303 Message: 2306

..and..if you act now...there’s a remote keypad for that amp up on Ebay.

From: mailto:harris-radio@yahoogroups.com
Sent: Sunday, March 01, 2015 8:50 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Off Topic Thales Unit help needed

It is a Thales MBITR amplifier with AC power supply and the MBITR is installed. However, its missing the control keypad on the amplifier. If the MBITR has a battery it will hopefully fire right up if you pull it from the amplifier..

I find the Thales radios work very well and the MBITR has a stellar performance record.
Mike

2307. Re: [harris-radio] Re: Off Topic Thales Unit help needed

Yahoo group: harris-radio
Date: 2015-03-01 17:20:04 UTC
From: Stuart Mckinnon
Topic: 2303 Message: 2307

And the link is Chance ?

Stuart
G0TBI

-----Original Message-----
From: Chance Wolf chancewolf@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sun, 1 Mar 2015 17:18
Subject: Re: [harris-radio] Re: Off Topic Thales Unit help needed

..and..if you act now...there’s a remote keypad for that amp up on Ebay.

From: mailto:harris-radio@yahoogroups.com

Sent: Sunday, March 01, 2015 8:50 AM

To: harris-radio@yahoogroups.com

Subject: [harris-radio] Re: Off Topic Thales Unit help needed

It is a Thales MBITR amplifier with AC power supply and the MBITR is installed. However, its missing the control keypad on the amplifier. If the MBITR has a battery it will hopefully fire right up if you pull it from the amplifier..

I find the Thales radios work very well and the MBITR has a stellar performance record.
Mike

2308. Re: [harris-radio] Re: Off Topic Thales Unit help needed

Yahoo group: harris-radio
Date: 2015-03-01 17:40:21 UTC
From: Chance Wolf
Topic: 2303 Message: 2308

Sorry...that would've been handy, wouldn't it?

http://www.ebay.com/itm/THALES-MILITARY-ARMY-PRC-148-MBITR-RADIO-VEHICLE-VRC-ADAPTER-REMOTE-CONTROL-ONLY-/151529232284?pt=LH_DefaultDomain_0&hash=item2347d8979c

Cheers.

From: mailto:harris-radio@yahoogroups.com
Sent: Sunday, March 01, 2015 9:20 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Off Topic Thales Unit help needed

And the link is Chance ?

Stuart
G0TBI

-----Original Message-----
From: Chance Wolf chancewolf@me.com [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sun, 1 Mar 2015 17:18
Subject: Re: [harris-radio] Re: Off Topic Thales Unit help needed

..and..if you act now...there's a remote keypad for that amp up on Ebay.
From: mailto:harris-radio@yahoogroups.com
Sent: Sunday, March 01, 2015 8:50 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Off Topic Thales Unit help needed

It is a Thales MBITR amplifier with AC power supply and the MBITR is installed. However, its missing the control keypad on the amplifier. If the MBITR has a battery it will hopefully fire right up if you pull it from the amplifier..

I find the Thales radios work very well and the MBITR has a stellar performance record.
Mike

2309. Re: [harris-radio] Re: Off Topic Thales Unit help needed

Yahoo group: harris-radio
Date: 2015-03-01 18:04:23 UTC
From: Stuart Mckinnon
Topic: 2303 Message: 2309

Thanks Chance

Stuart
G0TBI

-----Original Message-----
From: Chance Wolf chancewolf@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sun, 1 Mar 2015 17:39
Subject: Re: [harris-radio] Re: Off Topic Thales Unit help needed

Sorry...that would've been handy, wouldn't it?

http://www.ebay.com/itm/THALES-MILITARY-ARMY-PRC-148-MBITR-RADIO-VEHICLE-VRC-ADAPTER-REMOTE-CONTROL-ONLY-/151529232284?pt=LH_DefaultDomain_0&hash=item2347d8979c

Cheers.

From: mailto:harris-radio@yahoogroups.com

Sent: Sunday, March 01, 2015 9:20 AM

To: harris-radio@yahoogroups.com

Subject: Re: [harris-radio] Re: Off Topic Thales Unit help needed

And the link is Chance ?

Stuart

G0TBI

-----Original Message-----
From: Chance Wolf chancewolf@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sun, 1 Mar 2015 17:18
Subject: Re: [harris-radio] Re: Off Topic Thales Unit help needed

..and..if you act now...there's a remote keypad for that amp up on Ebay.

From: mailto:harris-radio@yahoogroups.com

Sent: Sunday, March 01, 2015 8:50 AM

To: harris-radio@yahoogroups.com

Subject: [harris-radio] Re: Off Topic Thales Unit help needed

It is a Thales MBITR amplifier with AC power supply and the MBITR is installed. However, its missing the control keypad on the amplifier. If the MBITR has a battery it will

hopefully fire right up if you pull it from the amplifier..

I find the Thales radios work very well and the MBITR has a stellar performance record.
Mike

2310. Re: [harris-radio] Re: Speaker

Yahoo group: harris-radio
Date: 2015-03-02 01:18:20 UTC
From: S C Marrow
Topic: 2293 Message: 2310

Dud,

I'll have to find my notes; Its been awhile since I made the last cable. Am in the middle of preping for a medical procedure tomorrow....so it might be a day or two.

Steve

----- Original Message -----
From: 'D. Emer' dfemer@... [harris-radio]
To: harris-radio@yahoogroups.com
Sent: Saturday, February 28, 2015 10:59 PM
Subject: RE: [harris-radio] Re: Speaker

Steve,

Can you post the pin outs for these.

Dud

KK7IF

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, February 28, 2015 8:50 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Speaker

□

I HAVE 5 OF THESE & USE THEM WITH MANY DIFFERNT MILL RADIOS AND PACKSETS....JUST MAKE UP MY OWN CABLES AS NEEDED....VERY NICE AMPLIFIED SPEAKED WITH INDEPENDANT VOLUME CONTROLS FOR HANDSET AND SPEAKER + SPEAKER ON OFF SWITHCH (KILLS AUDIO TO SPEAKER BUT NOT HANDSET) AND THEY MUTE THE SPEAKER DURING PTT....PAID $45 US FOR ONE, AND OTHERS WERE ABOUT $30. US....HOWEVR PEOPLE TRY TO GET AROUND $100 ALL THE WAY UP TO $1000.....Ha Ha & CRAZY....ONE JUST NEEDS TO SHOP A BIT.

Steve

KMV

2311. RE: [harris-radio] Re: Speaker

Yahoo group: harris-radio
Date: 2015-03-02 03:51:26 UTC
From: D. Emer
Topic: 2293 Message: 2311

Thanks Brooke,

I have some 67a’s I use but the connector is not the same as on the Harris speakers so I was looking to see how they interfaced them up as I have one.

Dud

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, March 01, 2015 12:51 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Speaker

Hi Dud:

On the off chance that these amplified speakers are interchangable here's some info on the MRC-67A.
http://www.prc68.com/I/MRC67.shtml

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

'D. Emer' dfemer@... [harris-radio] wrote:

Steve,

Can you post the pin outs for these.

Dud

KK7IF

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, February 28, 2015 8:50 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Speaker

☐

I HAVE 5 OF THESE & USE THEM WITH MANY DIFFERNT MILL RADIOS AND PACKSETS....JUST MAKE UP MY OWN CABLES AS NEEDED....VERY NICE AMPLIFIED SPEAKED WITH INDEPENDANT VOLUME CONTROLS FOR HANDSET AND SPEAKER + SPEAKER ON OFF SWITHCH (KILLS AUDIO TO SPEAKER BUT NOT HANDSET) AND THEY MUTE THE SPEAKER DURING PTT....PAID $45 US FOR ONE, AND OTHERS WERE ABOUT $30. US....HOWEVR PEOPLE TRY TO GET AROUND $100 ALL THE WAY UP TO $1000.....Ha Ha & CRAZY....ONE JUST NEEDS TO SHOP A BIT.

Steve

KMV

2312. Re: Help me Self-Test Power and VSWR RF-5022R/T ?

Yahoo group: harris-radio
Date: 2015-03-02 05:42:51 UTC
From: mbchagasl@...
Topic: 2296 Message: 2312

Hello hello can someone explain me.
Hello good afternoon everyone,I am with a doubt when do the test of Power and VSWR in the radio set does not always he of the reading and not of the any error also in Self-Test (RF-5022,PA 400W and Coupler 382A) I am using a dipole antenna for range of 40 meters 7.052 to 7.155,sometimes when I use the radio without the coupler then it shows the Power Watts and VSWR but only at very high frequencies 7.455 , 7655 Power 395 or 255 and VSWR 3.3 ,1.5 or 5.0 but at certain frequencies the antenna does not show the correct frequency of the antenna 7.052 to 7.155,even using the coupler or just PA the test only indicates POWER - - - - : WATT and VSWR - - - - : 1 because it is not having reading what that means?
The sources connected in parallel today already have the original cable ok.

Thanks good aftermoon.

Best regards,

Bruno Schagas bruno_chagas_leite@... /73.

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/1015911363?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1015911363 https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/1015911363?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1015911363

Video:
Harris RF-5022R/T(E) 400W P.A Menu PRGM,OPT,TEST.
https://www.youtube.com/watch?v=5sRrzSxHxKs

Part-2 Harris RF-5022R/T(E) Test VSWR and Power Amp 400W.
https://www.youtube.com/watch?v=_kKzCyRDS5w

https://www.youtube.com/watch?v=_kKzCyRDS5w

Part-2 Harris RF-5022R/T(E) Test VSWR and Power Am...
https://www.youtube.com/watch?v=_kKzCyRDS5w Test not conclusive. In the frequency of channels of this reading CH-01...20 Band of 40Meters POWER: ------- WATT VSWR: --------- : 1 Because stay so is norm...

View on www.youtube.com https://www.youtube.com/watch?v=_kKzCyRDS5w
Preview by Yahoo

2313. RE: [harris-radio] Re: Speaker

Yahoo group: harris-radio
Date: 2015-03-02 06:07:42 UTC
From: D. Emer
Topic: 2293 Message: 2313

Ok thanks Steve.

Dud

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, March 01, 2015 6:18 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Speaker

□

Dud,

I'll have to find my notes; Its been awhile since I made the last cable. Am in the middle of preping for a medical procedure tomorrow....so it might be a day or two.

Steve

----- Original Message -----

From: 'D. Emer' dfemer@... [harris-radio] <mailto:dfemer@cox.net%20[harris-radio]>

To: harris-radio@yahoogroups.com

Sent: Saturday, February 28, 2015 10:59 PM

Subject: RE: [harris-radio] Re: Speaker

Steve,

Can you post the pin outs for these.

Dud

KK7IF

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, February 28, 2015 8:50 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Speaker

□

I HAVE 5 OF THESE & USE THEM WITH MANY DIFFERNT MILL RADIOS AND PACKSETS....JUST MAKE UP MY OWN CABLES AS NEEDED....VERY NICE AMPLIFIED SPEAKED WITH INDEPENDANT VOLUME CONTROLS FOR HANDSET AND SPEAKER + SPEAKER ON OFF SWITHCH (KILLS AUDIO TO SPEAKER BUT NOT HANDSET) AND THEY MUTE THE SPEAKER DURING PTT....PAID $45 US FOR ONE, AND OTHERS WERE ABOUT $30. US....HOWEVR PEOPLE TRY TO GET AROUND $100 ALL THE WAY UP TO $1000.....Ha Ha & CRAZY....ONE JUST NEEDS TO SHOP A BIT.

Steve

KMV

2314. Re: [harris-radio] Re: Speaker

Yahoo group: harris-radio
Date: 2015-03-10 23:56:54 UTC
From: S C Marrow
Topic: 2293 Message: 2314

Dud,

Haven't been able to locate my note as of yet. So I'll probably have to ring out one of my cables

Steve

2315. RE: [harris-radio] Re: Speaker

Yahoo group: harris-radio
Date: 2015-03-11 03:22:35 UTC
From: D. Emer
Topic: 2293 Message: 2315

Ok thanks Steve we’ll all appreciate that.

Dud

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, March 10, 2015 4:57 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Speaker

□

Dud,

Haven't been able to locate my note as of yet. So I'll probably have to ring out one of my cables

Steve <http://y.analytics.yahoo.com/fpc.pl?ywarid=515FB27823A7407E&a=10001310322279&js=no&resp=img>

2316. Remote operation with the RF-3200

Yahoo group: harris-radio
Date: 2015-03-11 19:19:08 UTC
From: Tjerk
Topic: 2316 Message: 2316

Would it be possible to set up a RF-3200 for remote operation over the internet?
Tjerk ZS6P

2317. Re: [harris-radio] Remote operation with the RF-3200

Yahoo group: harris-radio
Date: 2015-03-11 20:17:54 UTC
From: N2CKH
Topic: 2316 Message: 2317

Hi Tjerk,

No really in the true sense of remote control as
the radio models with remote control I have seen
only provide for sending it a channel selection
command unless there are models with more full
featured remote control that I am not aware.

You could of course interface to provide a USB
camera view of the radio and use RemAud
server/client or other software for Voice and
perhaps some data modes for follow on, but you
would not have the radio interface for AMD.

/s/ Steve, N2CKH

At 03:19 PM 3/11/2015, you wrote:
>
>
>Would it be possible to set up a RF-3200 for remote operation over the
>internet?
>Tjerk ZS6P
>

2318. Re: Remote operation with the RF-3200

Yahoo group: harris-radio
Date: 2015-03-12 12:10:02 UTC
From: Tjerk
Topic: 2316 Message: 2318

Thanks for pointing me to RemAud Steve; very nice software indeed as I had planned on using Skype that would also provide the video link.
How are we going to remotely change frequency and or mode?
Tjerk ZS6P

2319. Re: [harris-radio] Re: Remote operation with the RF-3200

Yahoo group: harris-radio
Date: 2015-03-13 14:50:38 UTC
From: N2CKH
Topic: 2316 Message: 2319

Tjerk you can only send it a command to change channel number.

/s/ Steve, N2CKH

At 08:10 AM 3/12/2015, you wrote:
>
>
>Thanks for pointing me to RemAud Steve; very nice software indeed as I
>had planned on using Skype that would also provide the video link.
>How are we going to remotely change frequency and or mode?
>Tjerk ZS6P
>

2320. thales prc148 veicular adapter

Yahoo group: harris-radio
Date: 2015-03-13 15:32:17 UTC
From: marcoturchetti@...
Topic: 2320 Message: 2320

hello
I sell vehicle adapter mibtr thales prc148 (no radio)
equipped with control head Remotable
tested working
contact bauin2@libero.it

2321. Rf-1310A manual

Yahoo group: harris-radio
Date: 2015-03-16 23:20:36 UTC
From: vk5abc@...
Topic: 2321 Message: 2321

Hello All

Anyone here have a soft copy of the Rf-1310A manual

73's Lee.

2322. AN/URR-38A Manual

Yahoo group: harris-radio
Date: 2015-03-19 20:36:30 UTC
From: Gary Barry
Topic: 2322 Message: 2322

I saw messages in the Harris Group regarding the availability of a manual for the subject coupler. I am the lead volunteer for restoration of the radio rooms on the battleship Iowa moored at San Pedro, CA. Yesterday we re-inststalled the coupler for the port 35-foot whip., but we need the manual to troubleshoot the system. Is it possible for me to download this manual and, if so. where is the link? Thank you for your help.
Gary D. Barry
W6GDB

2323. Re: [harris-radio] Re: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-03-19 21:01:46 UTC
From: Stuartjmckinnon@...
Topic: 2272 Message: 2323

OK Guys

Finally had chance to get lid off 5022, on the A6 board was the LTC -7PN HUB, it read a grand total of 0.81 v Ha Ha

So two new ones ordered, from UK supplier at £14 inc of postage, not bad I suppose, I got a second incase the HUB in the 5000 goes West !

Cheers guys

Stuart
G0TBI

2324. Re[3]: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-03-19 21:06:30 UTC
From: gyanow1@...
Topic: 2272 Message: 2324

Can you get. An amplifier for 5022 from this supplier?
Gil Yanow
K6TOS
--
Sent from myMail app for Android
Thursday, 19 March 2015, 02:01PM -07:00 from "Stuartjmckinnon@aol.com [harris-radio]" <harris-radio@yahoogroups.com>:
>OK Guys
>Finally had chance to get lid off 5022, on the A6 board was the LTC -7PN HUB, it read a grand total of 0.81 v Ha Ha
>So two new ones ordered, from UK supplier at £14 inc of postage, not bad I suppose, I got a second incase the HUB in the 5000 goes West !
>Cheers guys
>Stuart
>G0TBI
>

2325. RE: [harris-radio] AN/URR-38A Manual

Yahoo group: harris-radio
Date: 2015-03-19 22:38:51 UTC
From: Robert Gunther
Topic: 2322 Message: 2325

Wrong, You mean AN/URA-38.

To: HARRIS-RADIO@...
From: harris-radio@yahoogroups.com
Date: Thu, 19 Mar 2015 13:36:30 -0700
Subject: [harris-radio] AN/URR-38A Manual

I saw messages in the Harris Group regarding the availability of a manual for the subject coupler. I am the lead volunteer for restoration of the radio rooms on the battleship Iowa moored at San Pedro, CA. Yesterday we re-inststalled the coupler for the port 35-foot whip., but we need the manual to troubleshoot the system. Is it possible for me to download this manual and, if so. where is the link? Thank you for your help.Gary D. BarryW6GDB

2326. RE: [harris-radio] AN/URR-38A Manual

Yahoo group: harris-radio
Date: 2015-03-19 22:41:12 UTC
From: Robert Gunther
Topic: 2322 Message: 2326

I have the manual... I have two of these couplers. I'll send it in pdf form when I dig it out.Bob NM1Z

To: harris-radio@yahoogroups.com; g-barry@sbcglobal.net; rjgunther@...; k1sui@...
From: harris-radio@yahoogroups.com
Date: Thu, 19 Mar 2015 18:38:51 -0400
Subject: RE: [harris-radio] AN/URR-38A Manual

Wrong, You mean AN/URA-38.

To: HARRIS-RADIO@...
From: harris-radio@yahoogroups.com
Date: Thu, 19 Mar 2015 13:36:30 -0700
Subject: [harris-radio] AN/URR-38A Manual

I saw messages in the Harris Group regarding the availability of a manual for the subject coupler. I am the lead volunteer for restoration of the radio rooms on the battleship Iowa moored at San Pedro, CA. Yesterday we re-inststalled the coupler for the port 35-foot whip., but we need the manual to troubleshoot the system. Is it possible for me to download this manual and, if so. where is the link? Thank you for your help.Gary D. BarryW6GDB

2327. Re: [harris-radio] Re[3]: Harris RF-5022 Time delay

Yahoo group: harris-radio
Date: 2015-03-20 07:03:30 UTC
From: Stuart Mckinnon
Topic: 2272 Message: 2327

You mean the 125 watt PA, I thought you guys in the States had all those, I only have two !, and they aint going no where ...

Cheers

Stuart
G0TBI

-----Original Message-----
From: gyanow1@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Thu, 19 Mar 2015 21:06
Subject: [harris-radio] Re[3]: Harris RF-5022 Time delay

Can you get. An amplifier for 5022 from this supplier?

Gil Yanow
K6TOS

--
Sent from myMail app for Android

Thursday, 19 March 2015, 02:01PM -07:00 from "Stuartjmckinnon@... [harris-radio]" <harris-radio@yahoogroups.com>:

OK Guys
Finally had chance to get lid off 5022, on the A6 board was the LTC -7PN HUB, it read a grand total of 0.81 v Ha Ha
So two new ones ordered, from UK supplier at £14 inc of postage, not bad I suppose, I got a second incase the HUB in the 5000 goes West !
Cheers guys
Stuart
G0TBI

2328. Harris Manuals FS

Yahoo group: harris-radio
Date: 2015-03-20 20:08:52 UTC
From: John Watkins
Topic: 2328 Message: 2328

Finally dug into the manuals, and have 2 to get rid of as I no longer have the gear. These are real Harris manuals.
1 RF-3090 R/T reference manual w/schematics. $50 plus mailing costs.
1 TF 117A MTS Manual Test Station instruction manual for testing the PRC-117A RF-3090 radios. About 2 inches thick, some schematics of test extenders and procedures. $50 plus mailing costs
Also have a Harris battery charger and manual that I am playing with to see if it can be used for other batteries. If not, will be putting that up also.
The garage is actually starting to look a bit better,
John WD5ENU

2329. Harris manuals

Yahoo group: harris-radio
Date: 2015-03-21 03:19:24 UTC
From: John Watkins
Topic: 2329 Message: 2329

The manuals are spoken for.

Thanks,

John WD5ENU

Sent from my iPad

2330. 3200

Yahoo group: harris-radio
Date: 2015-03-22 10:02:46 UTC
From: Alan Morriss
Topic: 1842 Message: 2330

hello , has anyone tried using an SGC power cube with an RF 3200 ? it would seem a good combination. alan G4GEN

2331. 5800 Falcon II KDU

Yahoo group: harris-radio
Date: 2015-03-23 17:25:31 UTC
From: ke4jko@...
Topic: 2331 Message: 2331

Hi folks:

In need of a KDU for 5800M. Anyone know of any sources (cheap)?

Thanks,

Tom
KE4JKO

2332. Harris Cables

Yahoo group: harris-radio
Date: 2015-03-27 19:58:30 UTC
From: Brooke Clarke
Topic: 2332 Message: 2332

Hi:

I've been asked to make up some cables for the Harris RF-5270 HF Modem.
1) AC power 6 foot cable (US 3-prong NEMA 5-15 plug) to MS3116J8-4SW.
also could make DC cable with same MS connector.
2) PRC-104 (unbalanced U-229 type mil radio) 6 foot cable U-229 type connectors both ends.
3) Async data 6 foot cable PT Cable clamp version of the U-316/U to DB-25m
http://www.prc68.com/I/PwrConn.shtml
4) ICOM 13 pin DIN to U-229 type 6 foot cable
5) ICOM 8 pin DIN to U-229 type 6 foot cable

Is there any interest in getting any of the above or other cables using the same connectors?

Mail_Attachment --
Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

2333. Re: Rf-1310A manual

Yahoo group: harris-radio
Date: 2015-03-27 23:25:24 UTC
From: marjulcusian@...
Topic: 2321 Message: 2333

HI,

I am looking for one as well (RF-1310 manual)

73s

MArcus

2334. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2015-03-28 17:55:55 UTC
From: harris-radio@yahoogroups.com
Topic: 1894 Message: 2334

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /Relay Adptr Instructions REV2.pdf
Uploaded by : n4be_jim <n4be_jim@...>
Description : A new version (REV2) of the relay adapter for the RF-350K is available. It now provides user settable coil polarity jumpers to resolve the coil polarity issue discovered with the original adapter posted Dec. 2014. See files. Please contact for any additional info.

73 Jim N4BE

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/harris-radio/files/Relay%20Adptr%20Instructions%20REV2.pdf

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

n4be_jim <n4be_jim@...>

2335. RF-350K/RT-1446 Relay Adapter REV2 Now Available

Yahoo group: harris-radio
Date: 2015-03-28 17:57:11 UTC
From: n4be_jim@...
Topic: 2335 Message: 2335

A new version of the relay adapter is available. It now provides user settable coil polarity jumpers to resolve the coil polarity issue discovered with the original adapter posted Dec. 2014. See the files section. Please contact for any additional info.

73 Jim N4BE

2336. R-2368 Noise blanker manual?

Yahoo group: harris-radio
Date: 2015-03-28 19:43:25 UTC
From: jagreen3@...
Topic: 2336 Message: 2336

Does anyone out there have a manual for the optional noise blanker for the r-2368? I was hoping to do some reverse engineering. The noise blanker is made from unobtainium except at the super high OEM price from Harris.

2337. Re: [harris-radio] R-2368 Noise blanker manual?

Yahoo group: harris-radio
Date: 2015-03-28 19:52:35 UTC
From: Peter Gottlieb
Topic: 2336 Message: 2337

The only thing I have is a previous project someone sent me relating to a home-built version. I sent this reply to both you and the group as Yahoo cannot handle attachments. I haven't tried building this yet, perhaps someday.

Peter

On 3/28/2015 3:43 PM, jagreen3@... [harris-radio] wrote:
>
> Does anyone out there have a manual for the optional noise blanker for the
> r-2368? I was hoping to do some reverse engineering. The noise blanker is made
> from unobtainium except at the super high OEM price from Harris.
>
>
>

[Non-text portions of this message have been removed]

2338. Re: [harris-radio] R-2368 Noise blanker manual?

Yahoo group: harris-radio
Date: 2015-03-28 22:59:24 UTC
From: Berndt Josef Wulf
Topic: 2336 Message: 2338

G'day Peter,

can you please include me too. I have a R2368 that has the audio board installed and would be interested in implementing the noise blanker circuitry for it.

On Sat, 2015-03-28 at 15:52 -0400, Peter Gottlieb hpnpilot@... [harris-radio] wrote:
> The only thing I have is a previous project someone sent me relating to a
> home-built version. I sent this reply to both you and the group as Yahoo cannot
> handle attachments. I haven't tried building this yet, perhaps someday.
>
> Peter
>
>
>
>
> On 3/28/2015 3:43 PM, jagreen3@... [harris-radio] wrote:
> >
> > Does anyone out there have a manual for the optional noise blanker for the
> > r-2368? I was hoping to do some reverse engineering. The noise blanker is made
> > from unobtainium except at the super high OEM price from Harris.
> >
> >
> >
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------
> Posted by: Peter Gottlieb <hpnpilot@...>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.net
> ------------------------------------

>
> Yahoo Groups Links
>
>
>

2339. Re: [harris-radio] R-2368 Noise blanker manual?

Yahoo group: harris-radio
Date: 2015-03-28 23:16:59 UTC
From: Peter Gottlieb
Topic: 2336 Message: 2339

Here you go.

On 3/28/2015 6:59 PM, Berndt Josef Wulf wulf@... [harris-radio] wrote:
>
> G'day Peter,
>
> can you please include me too. I have a R2368 that has the audio board
> installed and would be interested in implementing the noise blanker
> circuitry for it.
>
> On Sat, 2015-03-28 at 15:52 -0400, Peter Gottlieb hpnpilot@...
> [harris-radio] wrote:
> > The only thing I have is a previous project someone sent me relating to a
> > home-built version. I sent this reply to both you and the group as Yahoo cannot
> > handle attachments. I haven't tried building this yet, perhaps someday.
> >
> > Peter
> >
> >
> >
> >
> > On 3/28/2015 3:43 PM, jagreen3@... [harris-radio] wrote:
> > >
> > > Does anyone out there have a manual for the optional noise blanker for the
> > > r-2368? I was hoping to do some reverse engineering. The noise blanker is
> made
> > > from unobtainium except at the super high OEM price from Harris.
> > >
> > >
> > >
> >
> >
> >
> > [Non-text portions of this message have been removed]
> >
> >
> >
> > ------------------------------------
> > Posted by: Peter Gottlieb <hpnpilot@...>
> > ------------------------------------
> >
> > This Group Brought to you by 2mypc
> >
> > Are you with an ISP that gives you a dynamic IP?
> > Do you need a domain name and don't want to pay a lot for it?

> > Does your IP change every day or even every hour? and you need a way to get
> to you PC from outside your home or business?
> >
> > www.2mypc.net
> > ----------
> >
> > Yahoo Groups Links
> >
> >
> >
>
>

[Non-text portions of this message have been removed]

2340. RE: [harris-radio] R-2368 Noise blanker manual?

Yahoo group: harris-radio
Date: 2015-03-29 02:46:01 UTC
From: L Ritta
Topic: 2336 Message: 2340

Me too

73’s Lee

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, 29 March 2015 6:23 AM
To: harris-radio@yahoogroups.com; jagreen3@...
Subject: Re: [harris-radio] R-2368 Noise blanker manual?

The only thing I have is a previous project someone sent me relating to a
home-built version. I sent this reply to both you and the group as Yahoo cannot
handle attachments. I haven't tried building this yet, perhaps someday.

Peter

On 3/28/2015 3:43 PM, jagreen3@... [harris-radio] wrote:
>
> Does anyone out there have a manual for the optional noise blanker for the
> r-2368? I was hoping to do some reverse engineering. The noise blanker is made
> from unobtainium except at the super high OEM price from Harris.
>
>
>

[Non-text portions of this message have been removed]

This email has been checked for viruses by Avast antivirus software.
http://www.avast.com

2341. M7200 mics - used

Yahoo group: harris-radio
Date: 2015-03-31 18:33:55 UTC
From: johnweir11@...
Topic: 2341 Message: 2341

Need two (2) of these .

Thanks ,

John Sebastian
510-547-7656

2342. Re: Rf-1310A manual

Yahoo group: harris-radio
Date: 2015-04-01 03:10:16 UTC
From: w4il-kb4ei@...
Topic: 2321 Message: 2342

I have one. I will have to send it in sections on 7zip.
My email will not handle large files. 105mb.
I will contact you on qrz your email. You can distribute it as needed.
I think you had a post asking about the ****-6390 card. It is the interface for the Rf-1310A to Rf-755A/Rf-765A You may need the ****-6350 card. Look at section A18A2.
Wayne

2343. FS Harris RF-550, Harris RF-3094 battery Charger, AN/GRM-55, Etc.

Yahoo group: harris-radio
Date: 2015-04-02 21:05:10 UTC
From: John Watkins
Topic: 2343 Message: 2343

Continuing the garage clean chore, and have the following that I will never get to:
Harris RF-550 HF Receiver, Not working due to a bad frequency standard. The 160Mhz doubler is bad. Been laying around for 3 years and I just don't have the time to get into it. It did work when I swapped out with a borrowed standard. With a complete Harris Manual w/schematics. $350 plus shipping.
Harris RF-3094 battery charger for the RF-3090/PRC-117. Will charge 3 batteries. Not sure if its working as I have never had it powered up. With a complete Harris Manual w/schematics. $125 plus shipping.
An/GRM-55 PRC-25/77 test set. Parts unit. All the cards are OK, $25 plus shipping.
RT-70B and AM-65 with the dogbone, LS 166 speaker and H-33 handset. 24V unit. Works fine. With original manuals for the RT-70 and AM-65. $250 plus shipping.
VHF Diplexer CU-2194 Used with the PRC-25/77 or the VRC-12 series radios. With original manual. $50 plus shipping.
AM-2060 and PRC-77 works fine, with interconnect cable, PRC-77 has handset H-189 and antennas. $400 plus shipping.
AN/VRM-1A simple test set fro the R-442, RT-524, RT-246 VRC-12 series of radios. Instructions for use in the lid. $25 Plus shipping.
That's it for now. Still cleaning and find things. Amazing what you collect over the years and then don't use. Will be busy for Easter, so won't be able to do any shipping or mailing until next week.
Thanks,
John WD5ENU

2344. Re: [harris-radio] FS Harris RF-550, Harris RF-3094 battery Charger, AN/GRM-55, Etc.

Yahoo group: harris-radio
Date: 2015-04-02 21:07:24 UTC
From: Robert Kinney
Topic: 2343 Message: 2344

I'll take the RF-550

Bob Kinney
KC4JJ

On Thu, Apr 2, 2015 at 3:05 PM, John Watkins jpwatkins9@...
[harris-radio] <harris-radio@yahoogroups.com> wrote:

>
>
> Continuing the garage clean chore, and have the following that I will
> never get to:
>
> Harris RF-550 HF Receiver, Not working due to a bad frequency standard.
> The 160Mhz doubler is bad. Been laying around for 3 years and I just don't
> have the time to get into it. It did work when I swapped out with a
> borrowed standard. With a complete Harris Manual w/schematics. $350 plus
> shipping.
>
> Harris RF-3094 battery charger for the RF-3090/PRC-117. Will charge 3
> batteries. Not sure if its working as I have never had it powered up.
> With a complete Harris Manual w/schematics. $125 plus shipping.
>
> An/GRM-55 PRC-25/77 test set. Parts unit. All the cards are OK, $25 plus
> shipping.
>
> RT-70B and AM-65 with the dogbone, LS 166 speaker and H-33 handset. 24V
> unit. Works fine. With original manuals for the RT-70 and AM-65. $250
> plus shipping.
>
> VHF Diplexer CU-2194 Used with the PRC-25/77 or the VRC-12 series
> radios. With original manual. $50 plus shipping.
>
> AM-2060 and PRC-77 works fine, with interconnect cable, PRC-77 has handset
> H-189 and antennas. $400 plus shipping.
>
> AN/VRM-1A simple test set fro the R-442, RT-524, RT-246 VRC-12 series of
> radios. Instructions for use in the lid. $25 Plus shipping.
>
> That's it for now. Still cleaning and find things. Amazing what you
> collect over the years and then don't use. Will be busy for Easter, so
> won't be able to do any shipping or mailing until next week.
>
> Thanks,

>
> John WD5ENU
>
>
>
>
>
>

2345. Re: [harris-radio] FS Harris RF-550, Harris RF-3094 battery Charger, AN/GRM-55, Etc.

Yahoo group: harris-radio
Date: 2015-04-02 21:16:23 UTC
From: John Watkins
Topic: 2343 Message: 2345

Hi Bob,
You have it, I forgot to put that I do take paypal. I will need your address to ship to. The radio will be well padded and boxed. Won't be able to get it ready to go until Monday, so will ship to you on Tuesday. I think I have a couple of spare modules, will send those also. I will weigh it and get the shipping estimate and send you the total ASAP. Oh, It also has the hard to find power cord also.
John WD5ENU
  From: "Robert Kinney rkinney88@... [harris-radio]" <harris-radio@yahoogroups.com>
To: harris-radio@yahoogroups.com
Sent: Thursday, April 2, 2015 4:07 PM
Subject: Re: [harris-radio] FS Harris RF-550, Harris RF-3094 battery Charger, AN/GRM-55, Etc.

#yiv9269203764 #yiv9269203764 -- #yiv9269203764 .yiv9269203764ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv9269203764 div.yiv9269203764ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv9269203764 div.yiv9269203764photo-title a, #yiv9269203764 div.yiv9269203764photo-title a:active, #yiv9269203764 div.yiv9269203764photo-title a:hover, #yiv9269203764 div.yiv9269203764photo-title a:visited {text-decoration:none;}#yiv9269203764 div.yiv9269203764attach-table div.yiv9269203764attach-row {clear:both;}#yiv9269203764 div.yiv9269203764attach-table div.yiv9269203764attach-row div {float:left;}#yiv9269203764 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv9269203764 div.yiv9269203764ygrp-file {width:30px;}#yiv9269203764 div.yiv9269203764attach-table div.yiv9269203764attach-row div div a {text-decoration:none;}#yiv9269203764 div.yiv9269203764attach-table div.yiv9269203764attach-row div div span {font-weight:normal;}#yiv9269203764 div.yiv9269203764ygrp-file-title {font-weight:bold;}#yiv9269203764 #yiv9269203764 #yiv9269203764 #yiv9269203764 --#yiv9269203764ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv9269203764 #yiv9269203764ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv9269203764 #yiv9269203764ygrp-mkp #yiv9269203764hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv9269203764 #yiv9269203764ygrp-mkp #yiv9269203764ads {margin-bottom:10px;}#yiv9269203764 #yiv9269203764ygrp-mkp .yiv9269203764ad {padding:0 0;}#yiv9269203764 #yiv9269203764ygrp-mkp .yiv9269203764ad p {margin:0;}#yiv9269203764 #yiv9269203764ygrp-mkp .yiv9269203764ad a {color:#0000ff;text-decoration:none;}#yiv9269203764

I'll take the RF-550

Bob Kinney
KC4JJ

On Thu, Apr 2, 2015 at 3:05 PM, John Watkins jpwatkins9@... [harris-radio] <harris-radio@yahoogroups.com> wrote:

Continuing the garage clean chore, and have the following that I will never get to:
Harris RF-550 HF Receiver, Not working due to a bad frequency standard. The 160Mhz doubler is bad. Been laying around for 3 years and I just don't have the time to get into it. It did work when I swapped out with a borrowed standard. With a complete Harris Manual w/schematics. $350 plus shipping.
Harris RF-3094 battery charger for the RF-3090/PRC-117. Will charge 3 batteries. Not sure if its working as I have never had it powered up. With a complete Harris Manual w/schematics. $125 plus shipping.
An/GRM-55 PRC-25/77 test set. Parts unit. All the cards are OK, $25 plus shipping.
RT-70B and AM-65 with the dogbone, LS 166 speaker and H-33 handset. 24V unit. Works fine. With original manuals for the RT-70 and AM-65. $250 plus shipping.
VHF Diplexer CU-2194 Used with the PRC-25/77 or the VRC-12 series radios. With original manual. $50 plus shipping.
AM-2060 and PRC-77 works fine, with interconnect cable, PRC-77 has handset H-189 and antennas. $400 plus shipping.
AN/VRM-1A simple test set fro the R-442, RT-524, RT-246 VRC-12 series of radios. Instructions for use in the lid. $25 Plus shipping.
That's it for now. Still cleaning and find things. Amazing what you collect over the years and then don't use. Will be busy for Easter, so won't be able to do any shipping or mailing until next week.
Thanks,
John WD5ENU

2346. Re: [harris-radio] FS Harris RF-550, Harris RF-3094 battery Charger, AN/GRM-55, Etc.

Yahoo group: harris-radio
Date: 2015-04-02 21:30:28 UTC
From: John Watkins
Topic: 2343 Message: 2346

Bob,
Not sure what your zip code is, but shipping to New York (that is the default zip for UPS from here) is $87. I imagine that would be the maximum. When I get your address, I can get you a better idea of shipping.
John WD5ENU
  From: "Robert Kinney rkinney88@... [harris-radio]" <harris-radio@yahoogroups.com>
To: harris-radio@yahoogroups.com
Sent: Thursday, April 2, 2015 4:07 PM
Subject: Re: [harris-radio] FS Harris RF-550, Harris RF-3094 battery Charger, AN/GRM-55, Etc.

#yiv3482808436 #yiv3482808436 -- #yiv3482808436 .yiv3482808436ygrp-photo-title{clear:both;
font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv3482808436
div.yiv3482808436ygrp-photo{background-position:center;background-repeat:no-repeat;backgro
und-color:white;border:1px solid black;height:62px;width:62px;}#yiv3482808436
div.yiv3482808436photo-title a, #yiv3482808436 div.yiv3482808436photo-title a:active,
#yiv3482808436 div.yiv3482808436photo-title a:hover, #yiv3482808436
div.yiv3482808436photo-title a:visited {text-decoration:none;}#yiv3482808436
div.yiv3482808436attach-table div.yiv3482808436attach-row {clear:both;}#yiv3482808436
div.yiv3482808436attach-table div.yiv3482808436attach-row div {float:left;}#yiv3482808436
p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv3482808436
div.yiv3482808436ygrp-file {width:30px;}#yiv3482808436 div.yiv3482808436attach-table
div.yiv3482808436attach-row div div a {text-decoration:none;}#yiv3482808436
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{font-weight:normal;}#yiv3482808436 div.yiv3482808436ygrp-file-title
{font-weight:bold;}#yiv3482808436 #yiv3482808436 #yiv3482808436 #yiv3482808436
--#yiv3482808436ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px
0;padding:0 10px;}#yiv3482808436 #yiv3482808436ygrp-mkp hr {border:1px solid
#d8d8d8;}#yiv3482808436 #yiv3482808436ygrp-mkp #yiv3482808436hd
{color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px
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{margin-bottom:10px;}#yiv3482808436 #yiv3482808436ygrp-mkp .yiv3482808436ad {padding:0
0;}#yiv3482808436 #yiv3482808436ygrp-mkp .yiv3482808436ad p {margin:0;}#yiv3482808436
#yiv3482808436ygrp-mkp .yiv3482808436ad a
{color:#0000ff;text-decoration:none;}#yiv3482808436

I'll take the RF-550

Bob Kinney
KC4JJ

On Thu, Apr 2, 2015 at 3:05 PM, John Watkins jpwatkins9@... [harris-radio]
<harris-radio@yahoogroups.com> wrote:

Continuing the garage clean chore, and have the following that I will never get to:
Harris RF-550 HF Receiver, Not working due to a bad frequency standard. The 160Mhz doubler is bad. Been laying around for 3 years and I just don't have the time to get into it. It did work when I swapped out with a borrowed standard. With a complete Harris Manual w/schematics. $350 plus shipping.
Harris RF-3094 battery charger for the RF-3090/PRC-117. Will charge 3 batteries. Not sure if its working as I have never had it powered up. With a complete Harris Manual w/schematics. $125 plus shipping.
An/GRM-55 PRC-25/77 test set. Parts unit. All the cards are OK, $25 plus shipping.
RT-70B and AM-65 with the dogbone, LS 166 speaker and H-33 handset. 24V unit. Works fine. With original manuals for the RT-70 and AM-65. $250 plus shipping.
VHF Diplexer CU-2194 Used with the PRC-25/77 or the VRC-12 series radios. With original manual. $50 plus shipping.
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AN/VRM-1A simple test set fro the R-442, RT-524, RT-246 VRC-12 series of radios. Instructions for use in the lid. $25 Plus shipping.
That's it for now. Still cleaning and find things. Amazing what you collect over the years and then don't use. Will be busy for Easter, so won't be able to do any shipping or mailing until next week.
Thanks,
John WD5ENU

2347. Re: [harris-radio] FS Harris RF-550, Harris RF-3094 battery Charger, AN/GRM-55, Etc.

Yahoo group: harris-radio
Date: 2015-04-02 21:27:15 UTC
From: Robert Kinney
Topic: 2343 Message: 2347

Thanks,

Let me know the shipping costs. I will use PayPal since it is the most convenient method.

Keep me posted on what else you find. I am mostly interested in HF equipment....and test equipment to some extent.

Thanks again,

Bob

Address is:

Robert Kinney
3351 east 120th Avenue
Unit 10-202
Thornton, CO 80233

On Thu, Apr 2, 2015 at 3:16 PM, John Watkins jpwatkins9@...
[harris-radio] <harris-radio@yahoogroups.com> wrote:

>
>
> Hi Bob,
>
> You have it, I forgot to put that I do take paypal. I will need your
> address to ship to. The radio will be well padded and boxed. Won't be
> able to get it ready to go until Monday, so will ship to you on Tuesday. I
> think I have a couple of spare modules, will send those also. I will weigh
> it and get the shipping estimate and send you the total ASAP. Oh, It also
> has the hard to find power cord also.
>
> John WD5ENU
>
> ----------
> *From:* "Robert Kinney rkinney88@... [harris-radio]" <
> harris-radio@yahoogroups.com>
> *To:* harris-radio@yahoogroups.com
> *Sent:* Thursday, April 2, 2015 4:07 PM
> *Subject:* Re: [harris-radio] FS Harris RF-550, Harris RF-3094 battery
> Charger, AN/GRM-55, Etc.
>
>
>

> I'll take the RF-550
>
> Bob Kinney
> KC4JJ
>
>
>
> On Thu, Apr 2, 2015 at 3:05 PM, John Watkins jpwatkins9@...
> [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
>
> Continuing the garage clean chore, and have the following that I will
> never get to:
>
> Harris RF-550 HF Receiver, Not working due to a bad frequency standard.
> The 160Mhz doubler is bad. Been laying around for 3 years and I just don't
> have the time to get into it. It did work when I swapped out with a
> borrowed standard. With a complete Harris Manual w/schematics. $350 plus
> shipping.
>
> Harris RF-3094 battery charger for the RF-3090/PRC-117. Will charge 3
> batteries. Not sure if its working as I have never had it powered up.
> With a complete Harris Manual w/schematics. $125 plus shipping.
>
> An/GRM-55 PRC-25/77 test set. Parts unit. All the cards are OK, $25 plus
> shipping.
>
> RT-70B and AM-65 with the dogbone, LS 166 speaker and H-33 handset. 24V
> unit. Works fine. With original manuals for the RT-70 and AM-65. $250
> plus shipping.
>
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> radios. With original manual. $50 plus shipping.
>
> AM-2060 and PRC-77 works fine, with interconnect cable, PRC-77 has handset
> H-189 and antennas. $400 plus shipping.
>
> AN/VRM-1A simple test set fro the R-442, RT-524, RT-246 VRC-12 series of
> radios. Instructions for use in the lid. $25 Plus shipping.
>
> That's it for now. Still cleaning and find things. Amazing what you
> collect over the years and then don't use. Will be busy for Easter, so
> won't be able to do any shipping or mailing until next week.
>
> Thanks,
>
> John WD5ENU
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2348. Re: [harris-radio] FS Harris RF-550, Harris RF-3094 battery Charger, AN/GRM-55, Etc.

Yahoo group: harris-radio
Date: 2015-04-02 23:54:03 UTC
From: John Watkins
Topic: 2343 Message: 2348

Hi Bob,
Will send the correct shipping cost tomorrow if the UPS store is open. Sure it will be.
Will get all the stuff ready to go, should be on the way Tuesday.
John WD5ENU
  From: "Robert Kinney rkinney88@... [harris-radio]" <harris-radio@yahoogroups.com>
To: harris-radio@yahoogroups.com
Sent: Thursday, April 2, 2015 4:27 PM
Subject: Re: [harris-radio] FS Harris RF-550, Harris RF-3094 battery Charger, AN/GRM-55, Etc.

#yiv0084217022 #yiv0084217022 -- #yiv0084217022 .yiv0084217022ygrp-photo-title{clear:both;
font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0084217022
div.yiv0084217022ygrp-photo{background-position:center;background-repeat:no-repeat;backgro
und-color:white;border:1px solid black;height:62px;width:62px;}#yiv0084217022
div.yiv0084217022photo-title a, #yiv0084217022 div.yiv0084217022photo-title a:active,
#yiv0084217022 div.yiv0084217022photo-title a:hover, #yiv0084217022
div.yiv0084217022photo-title a:visited {text-decoration:none;}#yiv0084217022
div.yiv0084217022attach-table div.yiv0084217022attach-row {clear:both;}#yiv0084217022
div.yiv0084217022attach-table div.yiv0084217022attach-row div {float:left;}#yiv0084217022
p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0084217022
div.yiv0084217022ygrp-file {width:30px;}#yiv0084217022 div.yiv0084217022attach-table
div.yiv0084217022attach-row div div a {text-decoration:none;}#yiv0084217022
div.yiv0084217022attach-table div.yiv0084217022attach-row div div span
{font-weight:normal;}#yiv0084217022 div.yiv0084217022ygrp-file-title
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--#yiv0084217022ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px
0;padding:0 10px;}#yiv0084217022 #yiv0084217022ygrp-mkp hr {border:1px solid
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{color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px
0;}#yiv0084217022 #yiv0084217022ygrp-mkp #yiv0084217022ads
{margin-bottom:10px;}#yiv0084217022 #yiv0084217022ygrp-mkp .yiv0084217022ad {padding:0
0;}#yiv0084217022 #yiv0084217022ygrp-mkp .yiv0084217022ad p {margin:0;}#yiv0084217022
#yiv0084217022ygrp-mkp .yiv0084217022ad a
{color:#0000ff;text-decoration:none;}#yiv0084217022

Thanks,

Let me know the shipping costs. I will use PayPal since it is the most convenient method.

Keep me posted on what else you find. I am mostly interested in HF equipment....and test equipment to some extent.

Thanks again,

Bob

Address is:

Robert Kinney
3351 east 120th Avenue
Unit 10-202
Thornton, CO 80233

On Thu, Apr 2, 2015 at 3:16 PM, John Watkins jpwatkins9@... [harris-radio] <harris-radio@yahoogroups.com> wrote:

Hi Bob,
You have it, I forgot to put that I do take paypal. I will need your address to ship to. The radio will be well padded and boxed. Won't be able to get it ready to go until Monday, so will ship to you on Tuesday. I think I have a couple of spare modules, will send those also. I will weigh it and get the shipping estimate and send you the total ASAP. Oh, It also has the hard to find power cord also.
John WD5ENU
From: "Robert Kinney rkinney88@... [harris-radio]" <harris-radio@yahoogroups.com>
To: harris-radio@yahoogroups.com
Sent: Thursday, April 2, 2015 4:07 PM
Subject: Re: [harris-radio] FS Harris RF-550, Harris RF-3094 battery Charger, AN/GRM-55, Etc.

I'll take the RF-550

Bob Kinney
KC4JJ

On Thu, Apr 2, 2015 at 3:05 PM, John Watkins jpwatkins9@yahoo.com [harris-radio] <harris-radio@yahoogroups.com> wrote:

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VHF Diplexer CU-2194 Used with the PRC-25/77 or the VRC-12 series radios. With original manual. $50 plus shipping.
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AN/VRM-1A simple test set fro the R-442, RT-524, RT-246 VRC-12 series of radios. Instructions for use in the lid. $25 Plus shipping.
That's it for now. Still cleaning and find things. Amazing what you collect over the years and then don't use. Will be busy for Easter, so won't be able to do any shipping or mailing until next week.
Thanks,
John WD5ENU

2349. Re: [harris-radio] FS Harris RF-550, Harris RF-3094 battery Charger, AN/GRM-55, Etc.

Yahoo group: harris-radio
Date: 2015-04-03 04:27:54 UTC
From: Robert Kinney
Topic: 2343 Message: 2349

Thanks John,

No monumental hurry on my end..... so don't feel it has to happen right
away. Do whatever else you need to first, just let me know the amount when
you get it figured out and I will send the payment.

Thanks again,
Bob
KC4JJ

On Thu, Apr 2, 2015 at 5:54 PM, John Watkins jpwatkins9@yahoo.com
[harris-radio] <harris-radio@yahoogroups.com> wrote:

>
>
> Hi Bob,
>
> Will send the correct shipping cost tomorrow if the UPS store is open.
> Sure it will be. Will get all the stuff ready to go, should be on the way
> Tuesday.
>
> John WD5ENU
>
> ----------
> *From:* "Robert Kinney rkinney88@... [harris-radio]" <
> harris-radio@yahoogroups.com>
> *To:* harris-radio@yahoogroups.com
> *Sent:* Thursday, April 2, 2015 4:27 PM
>
> *Subject:* Re: [harris-radio] FS Harris RF-550, Harris RF-3094 battery
> Charger, AN/GRM-55, Etc.
>
>
>
> Thanks,
>
> Let me know the shipping costs. I will use PayPal since it is the most
> convenient method.
>
> Keep me posted on what else you find. I am mostly interested in HF
> equipment....and test equipment to some extent.
>
> Thanks again,
>
> Bob

>
> Address is:
>
> Robert Kinney
> 3351 east 120th Avenue
> Unit 10-202
> Thornton, CO 80233
>
>
>
> On Thu, Apr 2, 2015 at 3:16 PM, John Watkins jpwatkins9@...
> [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
>
> Hi Bob,
>
> You have it, I forgot to put that I do take paypal. I will need your
> address to ship to. The radio will be well padded and boxed. Won't be
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> John WD5ENU
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> *From:* "Robert Kinney rkinney88@... [harris-radio]" <
> harris-radio@yahoogroups.com>
> *To:* harris-radio@yahoogroups.com
> *Sent:* Thursday, April 2, 2015 4:07 PM
> *Subject:* Re: [harris-radio] FS Harris RF-550, Harris RF-3094 battery
> Charger, AN/GRM-55, Etc.
>
>
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> I'll take the RF-550
>
> Bob Kinney
> KC4JJ
>
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> On Thu, Apr 2, 2015 at 3:05 PM, John Watkins jpwatkins9@...
> [harris-radio] <harris-radio@yahoogroups.com> wrote:
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> never get to:
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> The 160Mhz doubler is bad. Been laying around for 3 years and I just don't
> have the time to get into it. It did work when I swapped out with a
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>
> Harris RF-3094 battery charger for the RF-3090/PRC-117. Will charge 3
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> With a complete Harris Manual w/schematics. $125 plus shipping.
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> An/GRM-55 PRC-25/77 test set. Parts unit. All the cards are OK, $25 plus
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>
> RT-70B and AM-65 with the dogbone, LS 166 speaker and H-33 handset. 24V
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> AM-2060 and PRC-77 works fine, with interconnect cable, PRC-77 has handset
> H-189 and antennas. $400 plus shipping.
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> AN/VRM-1A simple test set fro the R-442, RT-524, RT-246 VRC-12 series of
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> That's it for now. Still cleaning and find things. Amazing what you
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> won't be able to do any shipping or mailing until next week.
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> Thanks,
>
> John WD5ENU
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2350. Fw: M7200 mic needed

Yahoo group: harris-radio
Date: 2015-04-03 20:27:16 UTC
From: john weir
Topic: 2350 Message: 2350

Hello Everyone -

Here is the pin pattern that I need for two (2) mics .
Thanks ,
John Sebastian510-547-7656

----- Forwarded Message -----
From: safety157 <safety157@...>
To: johnweir11@...
Sent: Friday, April 3, 2015 1:24 PM
Subject: M7200 mic

Sent via the Samsung Galaxy S™ III, an AT&T 4G LTE smartphone

[Non-text portions of this message have been removed]

2351. Fw: M7200 serial port female needed

Yahoo group: harris-radio
Date: 2015-04-03 20:36:21 UTC
From: john weir
Topic: 2351 Message: 2351

Hello Everyone -

Here is the M7200 serial port connection that I need two (2) female connectors for .
Thanks ,
John Sebastian510-547-7656

----- Forwarded Message -----
From: safety157 <safety157@...>
To: johnweir11@...
Sent: Friday, April 3, 2015 1:34 PM
Subject: M7200 serial port female needed

Sent via the Samsung Galaxy S™ III, an AT&T 4G LTE smartphone

[Non-text portions of this message have been removed]

2352. M7200 mic connector PICTURE

Yahoo group: harris-radio
Date: 2015-04-03 20:40:59 UTC
From: john weir
Topic: 2352 Message: 2352

Here it is - I need two (2) used mics , please .
Thanks ,
John Sebastian510-547-7656

[Non-text portions of this message have been removed]

2353. M7200 serial port connector , female , needed PICTURE

Yahoo group: harris-radio
Date: 2015-04-03 20:42:59 UTC
From: john weir
Topic: 2353 Message: 2353

Here is the picture :
Thanks ,
John Sebastian510-547-7656

[Non-text portions of this message have been removed]

2354. Re: M7200 mic connector PICTURE

Yahoo group: harris-radio
Date: 2015-04-03 20:57:02 UTC
From: microwavetechnology@...
Topic: 2352 Message: 2354

John,

Used mics on the newer series Harris LMR equipment using the CH-721 control head aren't that plentiful out there yet (mainly because of affordabilty) and when they fail it is usually in the molded strain relief section and goes to the trash bin...

We have them available for $40 each brand new in the box shipped CONUS.

BJ

microwavetechnology@yahoo.com

2355. Re: Fw: M7200 serial port female needed

Yahoo group: harris-radio
Date: 2015-04-03 21:00:49 UTC
From: microwavetechnology@...
Topic: 2351 Message: 2355

John,

If you would like to send me the picture of what you are looking for I'm sure we can get to what you need.

BJ

microwavetechnology@yahoo.com

2356. question

Yahoo group: harris-radio
Date: 2015-04-18 11:24:34 UTC
From: Alan Morriss
Topic: 2356 Message: 2356

hello , can anyone tell me when the RF3200 was introduced into service , and when government agencies stopped using them ? alan G4GEN

2357. RE: [harris-radio] question

Yahoo group: harris-radio
Date: 2015-04-18 13:01:45 UTC
From: Roger Waldmiller
Topic: 2356 Message: 2357

Hi Alan

The 3200 was first introduce in the 1987s

And Govt agencies were staring to phase out the 3200's as Harris Rf support
after 10 yrs was limited.

There are still many still in service 3200's, 3200T's, 3200E's, 3200ET's,
3201's. As for coupler 3281, 3282 ??

If they were damaged by water , then were disposed of.

Roger

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, April 18, 2015 7:25 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] question

hello , can anyone tell me when the RF3200 was introduced into service , and
when government agencies stopped using them ? alan G4GEN

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2358. 3200

Yahoo group: harris-radio
Date: 2015-04-18 16:39:34 UTC
From: Alan Morriss
Topic: 1842 Message: 2358

thanks a lot for that roger, it is all i wanted to know. i had an idea they were still in service, as how do you find something much better. i love mine. interestingly , my telefunken E 52 receiver was made just over 40 years previously , in 1943. as far as weak am signals go , it is superior ! you should look that rx up. of course it cannot compete on sidebamd though. alan

2359. Harris RPA S/W for a PRC-138

Yahoo group: harris-radio
Date: 2015-04-18 21:28:34 UTC
From: marjulcusian@...
Topic: 2359 Message: 2359

Hi,

does anyone know where I may obtain this?

Thanks,

Marcus
KI6SYM

2360. RE: [harris-radio] 3200

Yahoo group: harris-radio
Date: 2015-04-18 21:51:37 UTC
From: Roger Waldmiller
Topic: 1842 Message: 2360

Hi Alan:

You are welcome.

There must have been a total of 5000+of these manufactured mainly 3200 and 3200e AND MANY ARE STILL OUT THERE.

The main problem , because of the age is the U6 SRAM . The internal battery is rated for 10 years of memory hold. That is the 1st item I change if any malfunction occurs, and some strange ones do occur. It can also become contaminated. They are not costly and still available.

When you do change them out the radio will revert to a s/n 1 and hence the passwords change. Of course all programmed data, config, channels is lost or reverted to default.

Depending on the software will determine the password formula .

If anyone needs password..give me a shout

Roger

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, April 18, 2015 12:40 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] 3200

thanks a lot for that roger, it is all i wanted to know. i had an idea they were still in service, as how do you find something much better. i love mine. interestingly , my telefunken E 52 receiver was made just over 40 years previously , in 1943. as far as weak am signals go , it is superior ! you should look that rx up. of course it cannot compete on sidebamd though.
alan

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2361. 3200

Yahoo group: harris-radio
Date: 2015-04-19 08:58:12 UTC
From: Alan Morriss
Topic: 1842 Message: 2361

hello , well , i did all that , at least my clever friend did ! i am pretty sure that you gave me the info. maybe someone else. it goes really well now, and i should think it will see me out ! i was on our am net with it today , and got excellent reports. they got that right , which is unusual , as most ssb rigs have poor am. all i need now is a decent linear. i was thinking of an SGC SG500. cheers, alan

2362. Re: [harris-radio] Harris RPA S/W for a PRC-138

Yahoo group: harris-radio
Date: 2015-04-19 09:13:24 UTC
From: Stuart Mckinnon
Topic: 2359 Message: 2362

What is it ?

Stuart
G0TBI

-----Original Message-----
From: marjulcusian@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sat, 18 Apr 2015 22:28
Subject: [harris-radio] Harris RPA S/W for a PRC-138

Hi,

does anyone know where I may obtain this?

Thanks,

Marcus

KI6SYM

2363. Re: [harris-radio] 3200

Yahoo group: harris-radio
Date: 2015-04-19 09:19:36 UTC
From: Stuart Mckinnon
Topic: 1842 Message: 2363

Roger

I must switch on my 3200, have not so far, but know it works, will do it soon , but on the subject of back up bats, I have just changed one in my RF-5022, and it now works a treat, no waiting up to 4 mins, depending on temp, for it to lock, and now on Test mode, No errors are displayed !

As the batt's were deployable from the US, I sourced a company in Colchester UK called rapid, it took 14 days, but worth it to receive x 2 for a mere £14.03 pence !

I have to change out the RF-5000 one next, tell me Roger is it the same batt in the 3200, probably Not ?

Stuart
G0TBI

-----Original Message-----
From: 'Roger Waldmiller' waldrgr@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sat, 18 Apr 2015 22:51
Subject: RE: [harris-radio] 3200

Hi Alan:

You are welcome.

There must have been a total of 5000+of these manufactured mainly 3200 and 3200e AND MANY ARE STILL OUT THERE.

The main problem , because of the age is the U6 SRAM . The internal battery is rated for 10 years of memory hold. That is the 1st item I change if any malfunction occurs, and some strange ones do occur. It can also become contaminated. They are not costly and still available.

When you do ch ange them out the radio will revert to a s/n 1 and hence the passwords change. Of course all programmed data, config, channels is lost or reverted to default.

Depending on the software will determine the password formula .

If anyone needs password….give me a shout

Roger

Roger w

wald rgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, April 18, 2015 12:40 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] 3200

thanks a lot for that roger, it is all i wanted to know. i had an idea they were still in service, as how do you find something much better. i love mine. interestingly , my telefunken E 52 receiver was made just over 40 years previously , in 1943. as far as weak am signals go , it is superior ! you should look that rx up. of course it cannot compete on sidebamd though. alan

This email is free from viruses and malware because avast! Antivirus protection is active.

2364. 3200

Yahoo group: harris-radio
Date: 2015-04-19 09:59:20 UTC
From: Alan Morriss
Topic: 1842 Message: 2364

hello stuart, do you have any idea of the origin of your 3200 ? i think that mine my have originally been coastguard , as there were some marine weather stations in the memory. it came to the guy i bought it from via a private yacht in italy i believe. he gave me a good deal. cheers alan

2365. Re: [harris-radio] 3200

Yahoo group: harris-radio
Date: 2015-04-19 10:47:00 UTC
From: Stuart Mckinnon
Topic: 1842 Message: 2365

Alan

My one came ex mil last used in Bosnia

Stuart

-----Original Message-----
From: Alan Morriss mohawk@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sun, 19 Apr 2015 10:59
Subject: [harris-radio] 3200

hello stuart, do you have any idea of the origin of your 3200 ? i think that mine my have originally been coastguard , as there were some marine weather stations in the memory. it came to the guy i bought it from via a private yacht in italy i believe. he gave me a good deal. cheers alan

2366. RF5800V-HH001 questions

Yahoo group: harris-radio
Date: 2015-04-19 17:33:13 UTC
From: eaton4310@...
Topic: 2366 Message: 2366

Hi there!

I'm a newbie owner of a Harris RF5800V-HH01 portable radio.

Although I have found out how to field-program this radio, I'm looking for the programming cable schematic and programming software for it.

The menu has an interesting node called "access levels" or something like that.It has "Technician", "Test" and "Depot" selections. To enter any of them, one needs to input a password. Can anybody please kindly share it?

Also now my radio's 1st channel is programmed to 41.800, voice, noise squelch and 5.0 kHz deviation. When there's no signal to receive, the radio would produce ticking sounds like mechanic clock. Why is it so?

Is there a service or, at least, user manual for this radio and where can I get it?

Sorry for too many questions, i still have a lot...

Thanks in advance,
Alex
73 !

2367. RE: [harris-radio] 3200

Yahoo group: harris-radio
Date: 2015-04-19 17:44:43 UTC
From: Roger Waldmiller
Topic: 1842 Message: 2367

Hi Stuart:

The battery I am mentioning is the internal battery in the DALLAS Sram on U6 on the 3200 logic bd A7.

You have to replace the chip to change the Battery. The IC is socketed.

To check the age of the DALLAS SRAM , they have stamped A date code on it .

The 1st left two numbers is the year IE::: 9511S, 9501E The 95 is 1995

If the SRAM has not been changed, the code is almost the date, yr, the 3200 was made operational.

New DALLAS chips are not activated until they are in ckt and power is applied , then the internal battery is ready to provide power to the ckt s, 3200 turned off.

SO check your code date .. If not contact me with the s/n on the label to check for a mfg date.

Regards

Roger

Roger w

waldrgr@rochester.rr.com

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, April 19, 2015 5:20 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] 3200

Roger

I must switch on my 3200, have not so far, but know it works, will do it soon , but on the subject of back up bats, I have just changed one in my RF-5022, and it now works a treat, no waiting up to 4 mins, depending on temp, for it to lock, and now on Test mode, No errors are displayed !

As the batt's were deployable from the US, I sourced a company in Colchester UK called rapid, it took 14 days, but worth it to receive x 2 for a mere £14.03 pence !

I have to change out the RF-5000 one next, tell me Roger is it the same batt in the 3200, probably Not ?

Stuart

G0TBI

-----Original Message-----
From: 'Roger Waldmiller' waldrgr@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sat, 18 Apr 2015 22:51
Subject: RE: [harris-radio] 3200

Hi Alan:

You are welcome.

There must have been a total of 5000+of these manufactured mainly 3200 and 3200e AND MANY ARE STILL OUT THERE.

The main problem , because of the age is the U6 SRAM . The internal battery is rated for 10 years of memory hold. That is the 1st item I change if any malfunction occurs, and some strange ones do occur. It can also become contaminated. They are not costly and still available.

When you do ch ange them out the radio will revert to a s/n 1 and hence the passwords change. Of course all programmed data, config, channels is lost or reverted to default.

Depending on the software will determine the password formula .

If anyone needs password….give me a shout

Roger

Roger w

wald rgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com?>]
Sent: Saturday, April 18, 2015 12:40 PM
To: harris-radio@...m
Subject: [harris-radio] 3200

thanks a lot for that roger, it is all i wanted to know. i had an idea they were still in service, as how do you find something much better. i love mine. interestingly , my telefunken E 52 receiver was made just over 40 years previously , in 1943. as far as weak am signals go , it is superior ! you should look that rx up. of course it cannot compete on

sidebamd though. alan

<http://www.avast.com/>

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<http://www.avast.com/> protection is active.

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2368. Re: [harris-radio] 3200

Yahoo group: harris-radio
Date: 2015-04-19 17:46:20 UTC
From: Stuart Mckinnon
Topic: 1842 Message: 2368

Thanks Roger

Will check it out when I have some time

Cheers
Stuart
G0TBI

-----Original Message-----
From: 'Roger Waldmiller' waldrgr@rochester.rr.com [harris-radio]
<harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sun, 19 Apr 2015 18:44
Subject: RE: [harris-radio] 3200

Hi Stuart:

The battery I am mentioning is the internal battery in the DALLAS Sram on U6 on the 3200 logic bd A7.

You have to replace the chip to change the Battery. The IC is socketed.

To check the age of the DALLAS SRAM , they have stamped A date code on it .

The 1st left two numbers is the year IE::: 9511S, 9501E The 95 is 1995

If the SRAM has not been changed, the code is almost the date, yr, the 3200 was made operational.

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SO check your code date .. If not contact me with the s/n on the label to check for a mfg date.

Regards

Roger

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@...m [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, April 19, 2015 5:20 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] 3200

Roger

I must switch on my 3200, have not so far, but know it works, will do it soon , but on the subject of back up bats, I have just changed one in my RF-5022, and it now works a treat, no waiting up to 4 mins, depending on temp, for it to lock, and now on Test mode, No errors are displayed !

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I have to change out the RF-5000 one next, tell me Roger is it the same batt in the 3200, probably Not ?

Stuart

G0TBI

-----Original Message-----
From: 'Roger Waldmiller' waldrgr@rochester.rr.com [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sat, 18 Apr 2015 22:51
Subject: RE: [harris-radio] 3200

Hi Alan:

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When you do ch ange them out the radio will revert to a s/n 1 and hence the passwords change. Of course all programmed data, config, channels is lost or reverted to default.

Depending on the software will determine the password formula .

If anyone needs password….give me a shout

Roger

Roger w

wald rgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, April 18, 2015 12:40 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] 3200

thanks a lot for that roger, it is all i wanted to know. i had an idea they were still in service, as how do you find something much better. i love mine. interestingly , my telefunken E 52 receiver was made just over 40 years previously , in 1943. as far as weak am signals go , it is superior ! you should look that rx up. of course it cannot compete on sidebamd though. alan

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2369. RE: [harris-radio] 3200

Yahoo group: harris-radio
Date: 2015-04-19 17:48:48 UTC
From: Roger Waldmiller
Topic: 1842 Message: 2369

HI Alan;

If anyone needs to know when the 3200 was mfg'd , drop me a line with the s/n on the label.

I usually can come within a yr or 2.

If anyone needs help with passwords ..drop me a line .

I would need to know then what the electronic s/n is and the firmware rev is also..

Roger

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, April 19, 2015 5:59 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] 3200

hello stuart, do you have any idea of the origin of your 3200 ? i think that mine my have originally been coastguard , as there were some marine weather stations in the memory. it came to the guy i bought it from via a private yacht in italy i believe. he gave me a good deal. cheers alan

---
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http://www.avast.com

2370. sn

Yahoo group: harris-radio
Date: 2015-04-19 18:08:05 UTC
From: Alan Morriss
Topic: 2370 Message: 2370

hello roger , the number on mine is 229. i reckon it must be pretty old. alan

2371. Re: [harris-radio] sn

Yahoo group: harris-radio
Date: 2015-04-19 18:23:30 UTC
From: Stuart Mckinnon
Topic: 2370 Message: 2371

And mine is 334

Stuart
G0TBI

-----Original Message-----
From: Alan Morriss mohawk@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sun, 19 Apr 2015 19:08
Subject: [harris-radio] sn

hello roger , the number on mine is 229. i reckon it must be pretty old. alan

2372. 3200T power

Yahoo group: harris-radio
Date: 2015-04-19 20:57:25 UTC
From: Tom B
Topic: 1842 Message: 2372

Hello All,

Is there a way of reducing the power output of the 3200T?

Tom Bryan
N3AJA

2373. RE: [harris-radio] 3200

Yahoo group: harris-radio
Date: 2015-04-20 12:47:47 UTC
From: ka5s@...
Topic: 1842 Message: 2373

I've a 3200e that, not long after I got it, would no longer power on. I suspect I'll need to garner a password when I repair the problem. It is (was) a fantastic radio.

Cortland
ka5s

2374. RE: [harris-radio] sn

Yahoo group: harris-radio
Date: 2015-04-20 16:37:24 UTC
From: Roger Waldmiller
Topic: 2370 Message: 2374

Hi Alan;

Sn229 with option 3253 2 tone alarm

Mfg/ship...Sept 1988

Interesting would be what Firmware in unit.?

Push # button once to see..if nothing shows up..= early F/W

Roger

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, April 19, 2015 2:08 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] sn

hello roger , the number on mine is 229. i reckon it must be pretty old.
alan

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http://www.avast.com

2375. RE: [harris-radio] sn

Yahoo group: harris-radio
Date: 2015-04-20 16:40:30 UTC
From: Roger Waldmiller
Topic: 2370 Message: 2375

Hi Stuart:

Sn 334 options 3281….=coupler

Option 3253….2 tone alarm

Mfg ship…Dec 1988

Interstiong would be what Firmware is in unit

Push # button to see…..if nothing shows …=old early F/W

Roger

Roger w

waldrgr@....com

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, April 19, 2015 2:24 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] sn

And mine is 334

Stuart

G0TBI

-----Original Message-----
From: Alan Morriss mohawk@clara.co.uk [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sun, 19 Apr 2015 19:08
Subject: [harris-radio] sn

hello roger , the number on mine is 229. i reckon it must be pretty old. alan

---
This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2376. RE: [harris-radio] 3200T power

Yahoo group: harris-radio
Date: 2015-04-20 16:47:46 UTC
From: Roger Waldmiller
Topic: 1842 Message: 2376

Hi Bryan:
All 3200's have a low power setting under CONFIG menu.
Use level 2 (security) password .
Push PGM 2x, =CONFIG,
enter pass word...ENT,
scroll to "Lo Pr" with * button
Push # button to read value....0 is OFF, 1 is low pwr on
Enter a 1 then ENT , verify with # button if ok ....then
Push PGM to get out of program mode.

Roger

Roger w
waldrgr@...
k4alphapapa(harris-yahoo ID)
3200 ,2000,3230,
5000, 138, 3201
Rochester NY USA

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, April 19, 2015 4:57 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] 3200T power

Hello All,

Is there a way of reducing the power output of the 3200T?

Tom Bryan
N3AJA

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get
to you PC from outside your home or business?

www.2mypc.net

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http://www.avast.com

2377. firmware

Yahoo group: harris-radio
Date: 2015-04-20 16:50:35 UTC
From: Alan Morriss
Topic: 2377 Message: 2377

hr=ello roger, i did that , and whatcame up did not make much sense to me. it said C followed by something like a small r then 121 d . any use ? alan

2378. RE: [harris-radio] 3200

Yahoo group: harris-radio
Date: 2015-04-20 16:51:16 UTC
From: Roger Waldmiller
Topic: 1842 Message: 2378

Hi

Met me on my Email.

I have questions to help determine a fix.

Roger

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, April 20, 2015 8:48 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] 3200

I've a 3200e that, not long after I got it, would no longer power on. I suspect I'll need to garner a password when I repair the problem. It is (was) a fantastic radio.

Cortland
ka5s

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2379. RE: [harris-radio] firmware

Yahoo group: harris-radio
Date: 2015-04-20 17:27:04 UTC
From: Roger Waldmiller
Topic: 2377 Message: 2379

Alan

Your OK

The 121 D will read 121d

Remember the read out is 7 seg. And some letters and number look like each other

With the f/w readout there is always a 3 digit number followed by a letter, sometimes that letter looks like a number , but really is a lower case `letter.

121 D is a good f/w , so the unit was updated in the past from the original f/w when shipped.

Regards

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, April 20, 2015 12:51 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] firmware

hr=ello roger, i did that , and whatcame up did not make much sense to me.
it said C followed by something like a small r then 121 d . any use ? alan

---
This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2380. Re: [harris-radio] firmware

Yahoo group: harris-radio
Date: 2015-04-20 18:12:46 UTC
From: Alan Morriss
Topic: 2377 Message: 2380

hello again , my set had the coupler option , but as i never use that , the board was removed by pat, but i can easily re install it if needed. thanks for all that. alan
On 20 Apr 2015, at 18:27, 'Roger Waldmiller' waldrgr@rochester.rr.com [harris-radio] wrote:

>
> Alan
>
> Your OK
>
> The 121 D will read 121d
>
> Remember the read out is 7 seg. And some letters and number look like each other
>
> With the f/w readout there is always a 3 digit number followed by a letter, sometimes that letter looks like a number , but really is a lower case `letter.
>
>
>
> 121 D is a good f/w , so the unit was updated in the past from the original f/w when shipped.
>
>
>
> Regards
>
>
>
> Roger w
>
> waldrgr@...
>
> k4alphapapa(harris-yahoo ID)
>
> 3200 ,2000,3230,
>
> 5000, 138, 3201
>
> Rochester NY USA
>
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>
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>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> Sent: Monday, April 20, 2015 12:51 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] firmware
>
>
>
>
>
> hr=ello roger, i did that , and whatcame up did not make much sense to me. it said C followed by something like a small r then 121 d . any use ? alan
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> This email is free from viruses and malware because avast! Antivirus protection is active.
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>

2381. Re: [harris-radio] 3200T power

Yahoo group: harris-radio
Date: 2015-04-20 19:36:39 UTC
From: Tom B
Topic: 1842 Message: 2381

Ok, thanks. I will give that a try.
I want to use it on 60M and the 125W is a bit much.

Tom

On 4/20/2015 12:47 PM, 'Roger Waldmiller' waldrgr@...
[harris-radio] wrote:
>
> Hi Bryan:
> All 3200's have a low power setting under CONFIG menu.
> Use level 2 (security) password .
> Push PGM 2x, =CONFIG,
> enter pass word...ENT,
> scroll to "Lo Pr" with * button
> Push # button to read value....0 is OFF, 1 is low pwr on
> Enter a 1 then ENT , verify with # button if ok ....then
> Push PGM to get out of program mode.
>
> Roger
>
> Roger w
> waldrgr@...
> k4alphapapa(harris-yahoo ID)
> 3200 ,2000,3230,
> 5000, 138, 3201
> Rochester NY USA
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> Sent: Sunday, April 19, 2015 4:57 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] 3200T power
>
> Hello All,
>
> Is there a way of reducing the power output of the 3200T?
>
> Tom Bryan
> N3AJA
>
> ------------------------------------
>
> ------------------------------------
>
> This Group Brought to you by 2mypc

>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way
> to get
> to you PC from outside your home or business?
>
> www.2mypc.net
> ---
>
> Yahoo Groups Links
>
> ---
> This email is free from viruses and malware because avast! Antivirus
> protection is active.
> http://www.avast.com
>
>

2382. RE: [harris-radio] 3200T power

Yahoo group: harris-radio
Date: 2015-04-20 23:34:03 UTC
From: Roger Waldmiller
Topic: 1842 Message: 2382

Hi Tom:

Yes the reduced power should give about 50-60 watt, roughly ½ power.

Let me know how that works out.

There are 2 other adjustments but would effect the full pwr level. Both are internal and with a T model you have to take the whole unit APART , to get at them, which is complex if you never did it before.

Regards

Roger

Roger w

waldrgr@....com

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, April 20, 2015 3:37 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] 3200T power

Ok, thanks. I will give that a try.
I want to use it on 60M and the 125W is a bit much.

Tom

On 4/20/2015 12:47 PM, 'Roger Waldmiller' waldrgr@....com
[harris-radio] wrote:

Hi Bryan:
All 3200's have a low power setting under CONFIG menu.
Use level 2 (security) password .
Push PGM 2x, =CONFIG,
enter pass word...ENT,
scroll to "Lo Pr" with * button
Push # button to read value....0 is OFF, 1 is low pwr on
Enter a 1 then ENT , verify with # button if ok ....then
Push PGM to get out of program mode.

Roger

Roger w
waldrgr@...
k4alphapapa(harris-yahoo ID)
3200 ,2000,3230,
5000, 138, 3201
Rochester NY USA

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, April 19, 2015 4:57 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] 3200T power

Hello All,

Is there a way of reducing the power output of the 3200T?

Tom Bryan
N3AJA

This Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get
to you PC from outside your home or business?

www.2mypc.net

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protection is active.
http://www.avast.com

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2383. Re: [harris-radio] 3200T power

Yahoo group: harris-radio
Date: 2015-04-20 23:54:21 UTC
From: Tom B
Topic: 1842 Message: 2383

HI Roger,

I will let you know. I have not had this radio very long. There has
been no need to take it apart. It works very well.

Tom

On 4/20/2015 7:34 PM, 'Roger Waldmiller' waldrgr@...
[harris-radio] wrote:
>
> Hi Tom:
>
> Yes the reduced power should give about 50-60 watt, roughly ? power.
>
> Let me know how that works out.
>
> There are 2 other adjustments but would effect the full pwr level.
> Both are internal and with a T model you have to take the whole unit
> APART , to get at them, which is complex if you never did it before.
>
> Regards
>
> Roger
>
> Roger w
>
> waldrgr@...
>
> k4alphapapa(harris-yahoo ID)
>
> 3200 ,2000,3230,
>
> 5000, 138, 3201
>
> Rochester NY USA
>

2384. Re: [harris-radio] firmware

Yahoo group: harris-radio
Date: 2015-04-21 00:07:42 UTC
From: S C Marrow
Topic: 2377 Message: 2384

What about 120E.

Thanks,
Steve
----- Original Message -----
From: 'Roger Waldmiller' waldrgr@... [harris-radio]
To: harris-radio@yahoogroups.com
Sent: Monday, April 20, 2015 1:27 PM
Subject: RE: [harris-radio] firmware

Alan

Your OK

The 121 D will read 121d

Remember the read out is 7 seg. And some letters and number look like each other

With the f/w readout there is always a 3 digit number followed by a letter, sometimes that letter looks like a number , but really is a lower case `letter.

121 D is a good f/w , so the unit was updated in the past from the original f/w when shipped.

Regards

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, April 20, 2015 12:51 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] firmware

hr=ello roger, i did that , and whatcame up did not make much sense to me. it said C followed by something like a small r then 121 d . any use ? alan

---
This email is free from viruses and malware because avast! Antivirus protection is active.

2385. RE: [harris-radio] firmware

Yahoo group: harris-radio
Date: 2015-04-21 13:50:45 UTC
From: Roger Waldmiller
Topic: 2377 Message: 2385

Hi Steve:

That is an early version, old ITU channels etc.

Uses a 256k ROM(27C256) for the U7 f/w chip

Newer f/w uses a 512k Rom chip(JMP5installed)(27C512) for the U7 f/w..120G, H, J, 121C,

121D and above have the new ITU channels and of course any updates to the f/w program.

The E radios uses a 28F020 chip 126/127 series.

Roger

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, April 20, 2015 8:08 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] firmware

What about 120E.

Thanks,

Steve

----- Original Message -----

From: 'Roger Waldmiller' waldrgr@... [harris-radio]
<mailto:waldrgr@...%20[harris-radio]>

To: harris-radio@yahoogroups.com

Sent: Monday, April 20, 2015 1:27 PM

Subject: RE: [harris-radio] firmware

Alan

Your OK

The 121 D will read 121d

Remember the read out is 7 seg. And some letters and number look like each other

With the f/w readout there is always a 3 digit number followed by a letter, sometimes that letter looks like a number , but really is a lower case `letter.

121 D is a good f/w , so the unit was updated in the past from the original f/w when shipped.

Regards

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, April 20, 2015 12:51 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] firmware

hr=ello roger, i did that , and whatcame up did not make much sense to me. it said C followed by something like a small r then 121 d . any use ? alan

---

<http://www.avast.com/>

This email is free from viruses and malware because avast! Antivirus <http://www.avast.com/> protection is active.

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2386. Re: [harris-radio] firmware

Yahoo group: harris-radio
Date: 2015-04-22 00:41:49 UTC
From: S C Marrow
Topic: 2377 Message: 2386

Thanks Roger,

You helped me figure out the passwords, still working great, use it with a 3281 coupler, mostly just do direct freq entry. Anything I should look or watch out for?

Steve

2387. RF-3200

Yahoo group: harris-radio
Date: 2015-04-22 09:33:27 UTC
From: dh7lk@...
Topic: 194 Message: 2387

Hi Roger,

what should I write after the "at" so send you a email? Or pls send me one so I can reply,
tnx Lutz
DH7LK at yahoo dot de

2388. RE: [harris-radio] firmware

Yahoo group: harris-radio
Date: 2015-04-22 14:00:41 UTC
From: Roger Waldmiller
Topic: 2377 Message: 2388

Hi Steve:

You mentioned the 3281.

The common problem with it is water!.

Frequent checks of the inside for moisture ,water damage.

If the unit is mounted vertically with the insulator upward , water will accumulate at the bottom . Just where the input connector is and the bottom edge of the PC bd.

Water/moisture can come thru the insulator or sweating. The original insulator can develop micro-cracks\and allows water to penetrate.

Frequent inspections is needed.

If the unit is mounted horizontally , water will accumulate UNDER the PC bd and not be seen. Then the relay transistor ,under the bd , gets contaminated.

Sweating can occur if the unit is exposed to HOT and then COLD temperatures repeatedly .

Regards

Roger

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, April 21, 2015 8:42 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] firmware

Thanks Roger,

You helped me figure out the passwords, still working great, use it with a 3281 coupler, mostly just do direct freq entry. Anything I should look or watch out for?

Steve

This email is free from viruses and malware because avast! Antivirus protection is active.
http://www.avast.com

2389. PRC-138 problems

Yahoo group: harris-radio
Date: 2015-04-29 22:15:54 UTC
From: Joseph Pinner
Topic: 2389 Message: 2389

Thanks to all who replied! Here is a status update:

Installed new Interface battery. No change.

Began to remove board to determine if any were drawing too much current.
No change.

Then decided to change out front panel. That did it.

It will now go through initialization process. Ran it through full test
routine and it passed.

Tried to tune into dummy load - failed to match,

Have not tried to transmit or check receive function yet.

--
Joseph Pinner
Kingston, TN

KC5IJD / NNN0PHR
Roane County OES 408

2390. RE: [harris-radio] PRC-138 problems

Yahoo group: harris-radio
Date: 2015-04-29 23:11:17 UTC
From: Richard Johnson
Topic: 2389 Message: 2390

Go through menues and make sure the antenna coulker is enabled.
Rich Johnson

To: armyradios@yahoogroups.com; milsurplus@...; harris-radio@yahoogroups.com; mrca@...; Oddball_HF_SSB_Radio@...m
From: harris-radio@yahoogroups.com
Date: Wed, 29 Apr 2015 18:15:54 -0400
Subject: [harris-radio] PRC-138 problems

Thanks to all who replied! Here is a status update:

Installed new Interface battery. No change.

Began to remove board to determine if any were drawing too much current.

No change.

Then decided to change out front panel. That did it.

It will now go through initialization process. Ran it through full test

routine and it passed.

Tried to tune into dummy load - failed to match,

Have not tried to transmit or check receive function yet.

--

Joseph Pinner

Kingston, TN

KC5IJD / NNN0PHR

Roane County OES 408

2391. RE: [harris-radio] PRC-138 problems

Yahoo group: harris-radio
Date: 2015-04-30 00:01:15 UTC
From: D. Emer
Topic: 2389 Message: 2391

Reseat all boards and cables.
Did you zeroized the radio?
Check your menu's to be sure its set up right. 20watt coupler set to auto, coupler not bypassed, no amp, etc.
Put the dummy load on and run the bite test.
Did you put on a new front panel or just reseat it?
Get a list of the modules (Test function) that are in it and be sure they are all compatible with each other. Could be you have a mix of boards.
Dud
KK7IF AFA9DU

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@...m]
Sent: Wednesday, April 29, 2015 3:16 PM
To: armyradios@yahoogroups.com; milsurplus@...; harris-radio@yahoogroups.com; mrca@....net; Oddball_HF_SSB_Radio@yahoogroups.com
Subject: [harris-radio] PRC-138 problems

Thanks to all who replied! Here is a status update:

Installed new Interface battery. No change.

Began to remove board to determine if any were drawing too much current.
No change.

Then decided to change out front panel. That did it.

It will now go through initialization process. Ran it through full test routine and it passed.

Tried to tune into dummy load - failed to match,

Have not tried to transmit or check receive function yet.

--
Joseph Pinner
Kingston, TN

KC5IJD / NNN0PHR
Roane County OES 408

Posted by: Joseph Pinner <jpinner33@...>

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Yahoo Groups Links

2392. Re: [armyradios] PRC-138 problems

Yahoo group: harris-radio
Date: 2015-05-01 13:32:34 UTC
From: Joseph Pinner
Topic: 2389 Message: 2392

Well, here is an update to my continuing PRC-138 saga:

Receive is working well. Checked it out with my HP generator and with on the air monitoring.

Transmitting still has problems - I get consistent Tune Marginal error, to a dipole antenna and dummy load.

I think that the PA is working OK. The Coupler is selected ON.

2393. Re: [harris-radio] Re: [armyradios] PRC-138 problems

Yahoo group: harris-radio
Date: 2015-05-01 23:57:08 UTC
From: Jim Karlow
Topic: 2389 Message: 2393

Joe -
You need to fix that antenna tuner before you use the transmitter in your PRC-138 in the pack radio mode or you will burn out your final amplifier board. which will be a bigger problem.
JimKA8TUR
  From: "Joseph Pinner jpinner33@... [harris-radio]" <harris-radio@yahoogroups.com>
To: armyradios@yahoogroups.com; harris-radio@yahoogroups.com; "Oddball_HF_SSB_Radio@yahoogroups.com" <Oddball_HF_SSB_Radio@yahoogroups.com>; armyradios@yahoogroups.com
Sent: Friday, May 1, 2015 9:32 AM
Subject: [harris-radio] Re: [armyradios] PRC-138 problems

  Well, here is an update to my continuing PRC-138 saga:

Receive is working well. Checked it out with my HP generator and with on the air monitoring.

Transmitting still has problems - I get consistent Tune Marginal error, to a dipole antenna and dummy load.

I think that the PA is working OK. The Coupler is selected ON.

2394. Re: [harris-radio] Re: [armyradios] PRC-138 problems

Yahoo group: harris-radio
Date: 2015-05-02 00:14:47 UTC
From: <waldrgr@...>
Topic: 2389 Message: 2394

Hi Joe:
Try putting the coupler in bypoass mode, that puts the tx output directly thru the coupler to the ant conn.
Another way would be to by pass the coupler directly with the in and out cables from the coupler . I believe you can remove the coupler assemble and the the conn are available .

A commom problem was the ant connector itself. Changed hundreds during my service days in product servce.

Bypapsssing the coupler will give you an idea if the PA is functioning properly. You should see RF wattage spec or a bit above. You can also check if the wattage is constant over the full freq range.. CW mode will give you the fuull power OR if in ssb , supply a AF sig to the mic input.

Regards
Roger
k4alphapapa(yahooHarris ID)

---- "Jim Karlow straydogcharlie@... [harris-radio]" <harris-radio@yahoogroups.com> wrote:
>
> Joe -
> You need to fix that antenna tuner before you use the transmitter in your PRC-138 in the pack radio mode or you will burn out your final amplifier board. which will be a bigger problem.
> JimKA8TUR
> From: "Joseph Pinner jpinner33@... [harris-radio]" <harris-radio@yahoogroups.com>
> To: armyradios@yahoogroups.com; harris-radio@yahoogroups.com; "Oddball_HF_SSB_Radio@yahoogroups.com" <Oddball_HF_SSB_Radio@yahoogroups.com>; armyradios@yahoogroups.com
> Sent: Friday, May 1, 2015 9:32 AM
> Subject: [harris-radio] Re: [armyradios] PRC-138 problems
>
> Well, here is an update to my continuing PRC-138 saga:
>
> Receive is working well. Checked it out with my HP generator and with on
> the air monitoring.
>
> Transmitting still has problems - I get consistent Tune Marginal error,
> to a dipole antenna and dummy load.
>
> I think that the PA is working OK. The Coupler is selected ON.
>
>

2395. Re: [armyradios] PRC-138 problems

Yahoo group: harris-radio
Date: 2015-05-02 19:00:32 UTC
From: Joseph Pinner
Topic: 2389 Message: 2395

Again, thanks for all assistance!

Here is where I am:

1 Receive seems to work at specs

2 Attempting to transmit results in a Tune Fault

3 Disabling Coupler there is 20W output on High Power into dummy load

4 Running through full Test results in No Fault

5 With Coupler Enabled and doing SWR test into dummy load results in
Tune Fault but 1.1:1 SWR indicated.

Could A1 discriminator on A9 Coupler board be bad?

Any Coupler troubleshooting tips. No obviously burned coils.

2396. Re: [harris-radio] Re: [armyradios] PRC-138 problems

Yahoo group: harris-radio
Date: 2015-05-02 23:44:21 UTC
From: <waldrgr@...>
Topic: 2389 Message: 2396

Hi Joe;
Yes the coupler is at fault bad.
The coupler consists of 2 bds connected by a conn anda center screw.
Yes the discrimintor could be at fault, but needs a fixture to align.

One way is to substutite 1 bd at a time .
Visual check of the bds , taken apart and inspect all connection, componets.
look for any burnt or arced spots.

Does the tune fault happen at ALL freq;s??

Regards
Roger
k4alphapapa(yahoo-radio ID)

>
> Here is where I am:
>
> 1 Receive seems to work at specs
>
> 2 Attempting to transmit results in a Tune Fault
>
> 3 Disabling Coupler there is 20W output on High Power into dummy load
>
> 4 Running through full Test results in No Fault
>
> 5 With Coupler Enabled and doing SWR test into dummy load results in
> Tune Fault but 1.1:1 SWR indicated.
>
> Could A1 discriminator on A9 Coupler board be bad?
>
> Any Coupler troubleshooting tips. No obviously burned coils.

2397. H: What is the difference HARRIS 110A and 110B amplifiers?

Yahoo group: harris-radio
Date: 2015-05-07 10:05:14 UTC
From: harsil@...
Topic: 2397 Message: 2397

What is the difference HARRIS 110A and 110B amplifiers?

110B has a built-in driver stage RF-745 power amplifiers.

Physically, almost similar with the RF-110A.

RF switching and measurement instrument is missing from the front panel, but is otherwise the connection
similar?

All information will help.

Is manual available?

Thanks to help.

73 Harri OH3PC

harsil@phnet.fi

Harri Sillanpaa
Varpusenkatu 12
15610 LAHTI
FINLAND

2398. Transmitter, radio T-827H/URT/RF131

Yahoo group: harris-radio
Date: 2015-05-08 03:47:58 UTC
From: Gary Barry
Topic: 2398 Message: 2398

I am lead for radio restoration on the Battleship Iowa BB61 moored in San Pedro (Port of Los Angeles), CA. Earlier thus year I inquired about the availability of the technical manual for our URA-38A and several on this board provided an opportunity to download the manual for the similar RF-601A. It has been a great help to us.
The ship had eleven AN/URT-23C transmitters. Two were removed by the navy while the ship was in mothballs. We have tested all of the nine remaining and found three had been cannibalized, three that have a failed exciter or a failed PA. That leaves us initially three working transmitters.
We have the URT-23C manual but not the T-827H manual. All of this to say we need a T-827H manual or the similar RF-131 manual. Even if the navy govt manual is a few revisions behind, we have change pages.
With the manual, we can consider our options for each unit. All the tubes are tested and good. We can either copy the manual and send it back or download it in pieces or via other means. If any of you wish to see our project let me know. We are normally aboard Wednesdays 1000-1600.
Thanks for your help.Gary Barry

2399. PRC-138 Update

Yahoo group: harris-radio
Date: 2015-05-08 20:14:38 UTC
From: Joseph Pinner
Topic: 2399 Message: 2399

Latest update:

Since Internal Coupler is not working, decided to put it into WOTAN setup with 125W Amp.

Using good mil cable to connect RT to Amp.

No output from RF-125 Amp. into dummy load.

Question - do I need to connect to RF-382 Coupler for Amp to work with RT? I previously used the Amp with my RF-5022R/T(E) with no problems without RF-382 Coupler but I suspect the PRC-138 is more complicated..

--
Joseph Pinner
Kingston, TN

KC5IJD / NNN0PHR
Roane County OES 408

2400. RE: [harris-radio] Transmitter, radio T-827H/URT/RF131

Yahoo group: harris-radio
Date: 2015-05-08 22:26:13 UTC
From: Robert Gunther
Topic: 2398 Message: 2400

Hello again Gary,
There is a huge difference between the T-827 series exciters and the RF-131 series exciters. I own two RF-131-122 exciters.To my knowledge, all T-827 series exciters have large tuning knobs with windows, like the URC-35 transceivers or the R-1031 series receivers. The RF131 series (I have the RF-131-122s) exciters have thumb wheel frequency selectors. They canalso transmit up to four independent SSB signals for data depending upon the model number and the filters selection.The RF131-122 is designed to transmit two channels (ISB --- upper and lower sideband), either for data or voice, or both.I am enclosing pictures of both. The first is the T-827 exciter, courtesy of Fair Radio Sales, and the second is the RF-131 series.I have manuals for the RF-131, they are thick, and not on site. Visit my web page at www.tinyurl.com/kg4ojz .
Bob Gunther, NM1Z
To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Fri, 8 May 2015 03:47:58 +0000
Subject: [harris-radio] Transmitter, radio T-827H/URT/RF131

I am lead for radio restoration on the Battleship Iowa BB61 moored in San Pedro (Port of Los Angeles), CA. Earlier thus year I inquired about the availability of the technical manual for our URA-38A and several on this board provided an opportunity to download the manual for the similar RF-601A. It has been a great help to us.
The ship had eleven AN/URT-23C transmitters. Two were removed by the navy while the ship was in mothballs. We have tested all of the nine remaining and found three had been cannibalized, three that have a failed exciter or a failed PA. That leaves us initially three working transmitters.
We have the URT-23C manual but not the T-827H manual. All of this to say we need a T-827H manual or the similar RF-131 manual. Even if the navy govt manual is a few revisions behind, we have change pages.
With the manual, we can consider our options for each unit. All the tubes are tested and good. We can either copy the manual and send it back or download it in pieces or via other means. If any of you wish to see our project let me know. We are normally aboard Wednesdays 1000-1600.
Thanks for your help.Gary Barry

[Non-text portions of this message have been removed]

2401. RE: [harris-radio] Transmitter, radio T-827H/URT/RF131

Yahoo group: harris-radio
Date: 2015-05-08 22:32:35 UTC
From: W2HX
Topic: 2398 Message: 2401

I wonder if the op was referring to the URT-23E which uses the T-827K. This T-827 looks like this:
http://www.virhistory.com/navy/xmtrs/urt23/t827k-urt-1309-01.JPG

A far cry from the old R-1051 style T-827()

73 Eugene W2HX

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, May 08, 2015 6:26 PM
To: harris-radio@yahoogroups.com; g-barry@...
Subject: RE: [harris-radio] Transmitter, radio T-827H/URT/RF131

Hello again Gary,
There is a huge difference between the T-827 series exciters and the RF-131 series exciters. I own two RF-131-122 exciters.To my knowledge, all T-827 series exciters have large tuning knobs with windows, like the URC-35 transceivers or the R-1031 series receivers. The RF131 series (I have the RF-131-122s) exciters have thumb wheel frequency selectors. They canalso transmit up to four independent SSB signals for data depending upon the model number and the filters selection.The RF131-122 is designed to transmit two channels (ISB --- upper and lower sideband), either for data or voice, or both.I am enclosing pictures of both. The first is the T-827 exciter, courtesy of Fair Radio Sales, and the second is the RF-131 series.I have manuals for the RF-131, they are thick, and not on site. Visit my web page at www.tinyurl.com/kg4ojz .
Bob Gunther, NM1Z
To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Fri, 8 May 2015 03:47:58 +0000
Subject: [harris-radio] Transmitter, radio T-827H/URT/RF131

I am lead for radio restoration on the Battleship Iowa BB61 moored in San Pedro (Port of Los Angeles), CA. Earlier thus year I inquired about the availability of the technical manual for our URA-38A and several on this board provided an opportunity to download the manual for the similar RF-601A. It has been a great help to us.
The ship had eleven AN/URT-23C transmitters. Two were removed by the navy while the ship was in mothballs. We have tested all of the nine remaining and found three had been cannibalized, three that have a failed exciter or a failed PA. That leaves us initially three working transmitters.
We have the URT-23C manual but not the T-827H manual. All of this to say we need a T-827H manual or the similar RF-131 manual. Even if the navy govt manual is a few revisions behind, we have change pages.
With the manual, we can consider our options for each unit. All the tubes are tested and good. We can either copy the manual and send it back or download it in pieces or via other means. If any of you wish to see our project let me know. We are normally aboard Wednesdays 1000-1600.

Thanks for your help.Gary Barry

[Non-text portions of this message have been removed]

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Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

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Yahoo Groups Links

2402. RE: [harris-radio] Transmitter, radio T-827H/URT/RF131

Yahoo group: harris-radio
Date: 2015-05-08 23:06:29 UTC
From: Robert Gunther
Topic: 2398 Message: 2402

Hmmmmm ..... Maybe I am wrong, I thought all T-827's looked like the R-1031 receivers.... I had a friend in Alexandria VA thathad a 4 car garage full of them, the amplifiers and the couplers. He showed up at my house with a coupler one evening, and that's how I got one of mine. Bob

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Fri, 8 May 2015 15:32:35 -0700
Subject: RE: [harris-radio] Transmitter, radio T-827H/URT/RF131

I wonder if the op was referring to the URT-23E which uses the T-827K. This T-827 looks like this:

http://www.virhistory.com/navy/xmtrs/urt23/t827k-urt-1309-01.JPG

A far cry from the old R-1051 style T-827()

73 Eugene W2HX

-----Original Message-----

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]

Sent: Friday, May 08, 2015 6:26 PM

To: harris-radio@yahoogroups.com; g-barry@...

Subject: RE: [harris-radio] Transmitter, radio T-827H/URT/RF131

Hello again Gary,

There is a huge difference between the T-827 series exciters and the RF-131 series exciters. I own two RF-131-122 exciters.To my knowledge, all T-827 series exciters have large tuning knobs with windows, like the URC-35 transceivers or the R-1031 series receivers. The RF131 series (I have the RF-131-122s) exciters have thumb wheel frequency selectors. They canalso transmit up to four independent SSB signals for data depending upon the model number and the filters selection.The RF131-122 is designed to transmit two channels (ISB --- upper and lower sideband), either for data or voice, or both.I am enclosing pictures of both. The first is the T-827 exciter, courtesy of Fair Radio Sales, and the second is the RF-131 series.I have manuals for the RF-131, they are thick, and not on site. Visit my web page at www.tinyurl.com/kg4ojz .

Bob Gunther, NM1Z

To: harris-radio@yahoogroups.com

From: harris-radio@yahoogroups.com

Date: Fri, 8 May 2015 03:47:58 +0000

Subject: [harris-radio] Transmitter, radio T-827H/URT/RF131

I am lead for radio restoration on the Battleship Iowa BB61 moored in San Pedro (Port of Los Angeles), CA. Earlier thus year I inquired about the availability of the technical manual for our URA-38A and several on this board provided an opportunity to download the manual for the similar RF-601A. It has been a great help to us.

The ship had eleven AN/URT-23C transmitters. Two were removed by the navy while the ship was in mothballs. We have tested all of the nine remaining and found three had been cannibalized, three that have a failed exciter or a failed PA. That leaves us initially three working transmitters.

We have the URT-23C manual but not the T-827H manual. All of this to say we need a T-827H manual or the similar RF-131 manual. Even if the navy govt manual is a few revisions behind, we have change pages.

With the manual, we can consider our options for each unit. All the tubes are tested and good. We can either copy the manual and send it back or download it in pieces or via other means. If any of you wish to see our project let me know. We are normally aboard Wednesdays 1000-1600.

Thanks for your help.Gary Barry

[Non-text portions of this message have been removed]

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Yahoo Groups Links

2403. Re: [harris-radio] Transmitter, radio T-827H/URT/RF131

Yahoo group: harris-radio
Date: 2015-05-09 00:13:09 UTC
From: Gary Barry
Topic: 2398 Message: 2403

Thanks guys for your quick response. I may have been mislead by comparing the two exciters. Iowa has nine T-827H exciters and about 16 R-1051 receivers. The receivers have two VTs in the RF input and the exciter has the same two tubes in the output: 6AN5 and 6BZ6. The exciters and the receivers have motor tuning on the First two digits, 10 MHz and 1 MHz increments. The last three tune with a belt system. These have the large knobs across the front with the digits showing in a lighted window. From a distance you can't tell the difference. Hope this description helps. I will look at Nick England's site and provide some pictures if you haven't already found them. There is also a separate virtual tour of the radio rooms I'll also look up.
Thank you again Bob and Eugene. When I get home to my desk top I'll check our inventory. Harris may have had nothing to do with these units.
Gary

> On May 8, 2015, at 4:06 PM, Robert Gunther rjgunther@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Hmmmmm ..... Maybe I am wrong, I thought all T-827's looked like the R-1031 receivers.... I had a friend in Alexandria VA that
> had a 4 car garage full of them, the amplifiers and the couplers. He showed up at my house with a coupler one evening, and that's how I got one of mine.
> Bob
>
> To: harris-radio@yahoogroups.com
> From: harris-radio@yahoogroups.com
> Date: Fri, 8 May 2015 15:32:35 -0700
> Subject: RE: [harris-radio] Transmitter, radio T-827H/URT/RF131
>
> H
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>
> A far cry from the old R-1051 style T-827()
>
> 73 Eugene W2HX
>
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> Sent: Friday, May 08, 2015 6:26 PM
> To: harris-radio@yahoogroups.com; g-barry@...
> Subject: RE: [harris-radio] Transmitter, radio T-827H/URT/RF131
>
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> There is a huge difference between the T-827 series exciters and the RF-131 series

exciters. I own two RF-131-122 exciters.To my knowledge, all T-827 series exciters have large tuning knobs with windows, like the URC-35 transceivers or the R-1031 series receivers. The RF131 series (I have the RF-131-122s) exciters have thumb wheel frequency selectors. They canalso transmit up to four independent SSB signals for data depending upon the model number and the filters selection.The RF131-122 is designed to transmit two channels (ISB --- upper and lower sideband), either for data or voice, or both.I am enclosing pictures of both. The first is the T-827 exciter, courtesy of Fair Radio Sales, and the second is the RF-131 series.I have manuals for the RF-131, they are thick, and not on site. Visit my web page at www.tinyurl.com/kg4ojz .
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> To: harris-radio@yahoogroups.com
> From: harris-radio@yahoogroups.com
> Date: Fri, 8 May 2015 03:47:58 +0000
> Subject: [harris-radio] Transmitter, radio T-827H/URT/RF131
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> With the manual, we can consider our options for each unit. All the tubes are tested and good. We can either copy the manual and send it back or download it in pieces or via other means. If any of you wish to see our project let me know. We are normally aboard Wednesdays 1000-1600.
> Thanks for your help.Gary Barry
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> [Non-text portions of this message have been removed]
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2404. Re: [harris-radio] Transmitter, radio T-827H/URT/RF131

Yahoo group: harris-radio
Date: 2015-05-09 00:45:34 UTC
From: Gary Barry
Topic: 2398 Message: 2404

Sorry guys. I should have done my homework first. The R-1051 is a General Dynamics product built by others. I haven't looked up the T-827 yet. See Nick England's site virhistory.com/navy/ship.htm Scroll down to Iowa and see the equipment. Then scroll down to USS Los Angeles and see my toys in 1960.
Best regards.
Gary

> On May 8, 2015, at 3:32 PM, 'W2HX' w2hx@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> I wonder if the op was referring to the URT-23E which uses the T-827K. This T-827 looks like this:
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>
> [Non-text portions of this message have been removed]
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2405. RE: [harris-radio] Transmitter, radio T-827H/URT/RF131

Yahoo group: harris-radio
Date: 2015-05-09 02:49:46 UTC
From: Robert Gunther
Topic: 2398 Message: 2405

Yes, the R1051 receivers were made by General Dynamics. There were various versions ranging from the straight R1051 throughan H version. Most variations dealt with a change in the "6 pack", or frequency standards, and type of belt drive in the servo frequency selector switches. The transceiver version of this radio was the URC-35. It contained a transceiver that put out 100mw and a 100 watt amplifier. I worked on these occasionally on yard patrol boats (YPs). I also worked on the T-827's and the "B" version, but never heard of the "K" version until now. After seeing the "K" version, there may have been an earlier transmitter that used the RF-131 exciter. If there was, Ihave never seen one. The only thing I dislike about the RF-131s is the audio quality. The filtering makes it sound like someone talkinginto a tin can.
Bob NM1Z

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Fri, 8 May 2015 17:45:34 -0700
Subject: Re: [harris-radio] Transmitter, radio T-827H/URT/RF131

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A far cry from the old R-1051 style T-827()

73 Eugene W2HX

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Sent: Friday, May 08, 2015 6:26 PM

To: harris-radio@yahoogroups.com; g-barry@sbcglobal.net

Subject: RE: [harris-radio] Transmitter, radio T-827H/URT/RF131

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From: harris-radio@yahoogroups.com

Date: Fri, 8 May 2015 03:47:58 +0000

Subject: [harris-radio] Transmitter, radio T-827H/URT/RF131

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Yahoo Groups Links

2406. Re: PRC-138 Update

Yahoo group: harris-radio
Date: 2015-05-12 19:45:09 UTC
From: steve@...
Topic: 2399 Message: 2406

No coupler is required as long as the VSWR is ok. Does the PA turn on when you turn on the radio?

Steve
KD2OM/NNN0HSB

2407. Harris RF 7820 Manual Needed

Yahoo group: harris-radio
Date: 2015-05-17 04:28:08 UTC
From: wb6nvh@...
Topic: 2407 Message: 2407

I got a message from a ham in Greece who is not a group member but who is looking for the service manual for what he says is the Harris RF 7820, a VHF FM HT that looks just like the RF 2800 series HT's. I think these are from the 1970's and they look a little like a Motorola HT220 from the outside.

Anybody have one these manuals? I suggested that you can buy a new Chinese ham HT for far less than the cost of crystals for one channel for this radio but he seems determined.

Geoff
WB6NVH
Monterey, California

2408. RF-2500 Selective Reflectometer

Yahoo group: harris-radio
Date: 2015-05-20 23:08:01 UTC
From: W2HX
Topic: 2408 Message: 2408

Hello, folks!

I have acquired a very interesting instrument, the RF-2500 Selective Reflectometer. Basically a Power/SWR meter for use in locations where other transmitters are present to eliminate the effects of those other transmitters from affecting the readings of the transmitter in question.

Does anyone have documentation for this?

And, it is a 15KW forward power unit (including the line section). I am looking for ways to increase the sensitivity 10X and convert it to 1.5KW. Some suggestions include modification of the line section components or putting a little amplifier in the forward and reflected coupler outputs to the meter.

Any information, including anectotes greatly appreciated!
Picture located here: http://www.w2hx.com/x/Harris/RF-2500/

73 Eugene W2HX

2409. RF-2301

Yahoo group: harris-radio
Date: 2015-05-21 01:01:01 UTC
From: W2HX
Topic: 1410 Message: 2409

Hi folks. I just picked up a very nice RF-2301 transceiver. Pictures are here:
http://www.w2hx.com/x/Harris/RF-2301/

It works great (I have all cables). But I had a question. I went to sit it on top of another radio and noticed that there were screw heads poking out of the bottom of the feet! Well, I am glad I noticed that otherwise I would have scratched up a very nice WW2 ARC-2 aircraft radio!

A picture can be seen here
http://www.w2hx.com/x/Harris/RF-2301/0520151957.jpg

all of the feet are like this. I noticed there is also a gap between the screw and the "foot" I began to wonder, if maybe this is how the radio might slip into slots in a vehicular mount? Can anyone confirm that these feet and gaps are correct and are for a vehicular mount?

Does anyone have a vehicular mount for sale?

73 Eugene W2HX

2410. anyone work on the RF-2301?

Yahoo group: harris-radio
Date: 2015-05-22 02:31:44 UTC
From: W2HX
Topic: 2410 Message: 2410

Hi folks. I am wondering if any ex- or current harris guys on the list might have worked on the RF-2301? The separate power supply beneath it needs a new CB1. It appears to be a 3PST circuit breaker switch. I will have to find the ratings for each circuit that it breaks for and I can imagine this being a difficult research project. I am hoping someone might have a lead for this. Here are some pictures if it helps anyone.

http://www.w2hx.com/x/Harris/RF-2301/0521151902a.jpg
http://www.w2hx.com/x/Harris/RF-2301/CB1.jpg

Based on the limited feedback regarding my mounting question (which has been affirmed that these feet and screw head gap are for mounting in keyholes on a mounting base) I am guessing these were not very popular or produced in large numbers. Mine is OD and I was wondering who were the customers of such a radio and, if in fact, this model radio was given any military nomenclature (or is it just painted OD!)?

73 Eugene W2HX

2411. RE: [harris-radio] anyone work on the RF-2301?

Yahoo group: harris-radio
Date: 2015-05-22 03:00:34 UTC
From: Robert Gunther
Topic: 2410 Message: 2411

Hi Eugene,Any idea where I can get a fuse holder cap for one of the three power supply fuses on my RF-110? These are oneof the three power fuses, the plastic bulb holder broke, and the fuse holder disintegrated.
Bob NM1Z (ex KG4OJZ, K1SUI)
www.tinyurl.com/kg4ojz

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Thu, 21 May 2015 19:31:44 -0700
Subject: [harris-radio] anyone work on the RF-2301?

Hi folks. I am wondering if any ex- or current harris guys on the list might have worked on the RF-2301? The separate power supply beneath it needs a new CB1. It appears to be a 3PST circuit breaker switch. I will have to find the ratings for each circuit that it breaks for and I can imagine this being a difficult research project. I am hoping someone might have a lead for this. Here are some pictures if it helps anyone. http://www.w2hx.com/x/Harris/RF-2301/0521151902a.jpghttp://www.w2hx.com/x/Harris/RF-2301/CB1.jpg Based on the limited feedback regarding my mounting question (which has been affirmed that these feet and screw head gap are for mounting in keyholes on a mounting base) I am guessing these were not very popular or produced in large numbers. Mine is OD and I was wondering who were the customers of such a radio and, if in fact, this model radio was given any military nomenclature (or is it just painted OD!)? 73 Eugene W2HX

2412. RE: [harris-radio] anyone work on the RF-2301?

Yahoo group: harris-radio
Date: 2015-05-22 14:02:05 UTC
From: Francesco Ledda
Topic: 2410 Message: 2412

Bob,

I have new RF-110 fuse holders . Please, email me at frledda@...

Frank

KF5RXV

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, May 21, 2015 10:01 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] anyone work on the RF-2301?

Hi Eugene,

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of the three power fuses, the plastic bulb holder broke, and the fuse holder disintegrated.

Bob NM1Z (ex KG4OJZ, K1SUI)

www.tinyurl.com/kg4ojz

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Subject: [harris-radio] anyone work on the RF-2301?

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http://www.w2hx.com/x/Harris/RF-2301/0521151902a.jpg

http://www.w2hx.com/x/Harris/RF-2301/CB1.jpg

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73 Eugene W2HX

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http://www.avast.com

2413. Re: [harris-radio] anyone work on the RF-2301?

Yahoo group: harris-radio
Date: 2015-05-22 14:05:52 UTC
From: John Watkins
Topic: 2410 Message: 2413

Frank,
I have finally found the Frequency setting book for the Russian R-807 that you got from me last year. Please send me your mailing address and I will mail it to you. jpwatkins9@...
Regards,
John WD5ENU
  From: "'Francesco Ledda' frledda@... [harris-radio]" <harris-radio@yahoogroups.com>
To: harris-radio@yahoogroups.com
Sent: Friday, May 22, 2015 9:02 AM
Subject: RE: [harris-radio] anyone work on the RF-2301?


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Bob, I have new RF-110 fuse holders . Please, email me at frledda@... FrankKF5RXV From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, May 21, 2015 10:01 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] anyone work on the RF-2301? Hi Eugene,Any idea where I can get a fuse holder cap for one of the three power supply fuses on my RF-110? These are oneof the three power fuses, the plastic bulb holder broke, and the fuse holder disintegrated.
 Bob NM1Z (ex KG4OJZ, K1SUI) www.tinyurl.com/kg4ojz To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Thu, 21 May 2015 19:31:44 -0700
Subject: [harris-radio] anyone work on the RF-2301?

Hi folks. I am wondering if any ex- or current harris guys on the list might have worked on the RF-2301? The separate power supply beneath it needs a new CB1. It appears to be a

3PST circuit breaker switch. I will have to find the ratings for each circuit that it breaks for and I can imagine this being a difficult research project. I am hoping someone might have a lead for this. Here are some pictures if it helps anyone. http://www.w2hx.com /x/Harris/RF-2301/0521151902a.jpghttp://www.w2hx.com/x/Harris/RF-2301/CB1.jpg Based on the limited feedback regarding my mounting question (which has been affirmed that these feet and screw head gap are for mounting in keyholes on a mounting base) I am guessing these were not very popular or produced in large numbers. Mine is OD and I was wondering who were the customers of such a radio and, if in fact, this model radio was given any military nomenclature (or is it just painted OD!)? 73 Eugene W2HX

| | This email has been checked for viruses by Avast antivirus software. www.avast.com |

2414. 3200E CW release time

Yahoo group: harris-radio
Date: 2015-05-23 08:15:14 UTC
From: rtm@...
Topic: 2414 Message: 2414

My RF-3200E takes about a second to switch back to receive after the last key up in CW. This often causes me to miss hearing replies. Is there a way to cause the radio to switch back to receive after a shorter delay?

Thanks,
Robert, AB1HL

2415. Re: [harris-radio] 3200E CW release time

Yahoo group: harris-radio
Date: 2015-05-23 12:00:45 UTC
From: Joel Liburd...(v44kai)
Topic: 2414 Message: 2415

Open it up and adjust the hang time R92 on the top board,

v44kai.....Joel.

On Sat, May 23, 2015 at 4:15 AM, rtm@... [harris-radio] <
harris-radio@yahoogroups.com> wrote:

>
>
> My RF-3200E takes about a second to switch back to receive after the last
> key up in CW. This often causes me to miss hearing replies. Is there a way
> to cause the radio to switch back to receive after a shorter delay?
>
>
> Thanks,
>
> Robert, AB1HL
>
>
>

--
v44kai.....Joel.

2416. Re: 3200E CW release time

Yahoo group: harris-radio
Date: 2015-05-23 14:16:55 UTC
From: rtm@...
Topic: 2414 Message: 2416

I think R92 affects AGC. I'm looking for a way to reduce the delay in CW when switching from transmit to receive. The RF-3200 service manual makes it seem like this could be done by modifying R27 on the A7 board. But my RF-3200E's A7 looks totally different from the A7 in the RF-3200's service manual. And I don't have an RF-3200E service manual...

Robert

2417. Re: [harris-radio] Re: 3200E CW release time

Yahoo group: harris-radio
Date: 2015-05-23 16:34:18 UTC
From: Joel Liburd...(v44kai)
Topic: 2414 Message: 2417

My info I gave earlier was from looking in an RF-3200 that is presently open on my work bench, not from the E version as know most of the circuits for both are the same I thought is should work, sorry,

v44kai.....Joel.

On Sat, May 23, 2015 at 10:16 AM, rtm@... [harris-radio] <
harris-radio@yahoogroups.com> wrote:

>
>
> I think R92 affects AGC. I'm looking for a way to reduce the delay in CW
> when switching from transmit to receive. The RF-3200 service manual makes
> it seem like this could be done by modifying R27 on the A7 board. But my
> RF-3200E's A7 looks totally different from the A7 in the RF-3200's service
> manual. And I don't have an RF-3200E service manual...
>
> Robert
>
>
>

--
v44kai.....Joel.

2418. Re: [harris-radio] Re: 3200E CW release time

Yahoo group: harris-radio
Date: 2015-05-23 16:38:49 UTC
From: <waldrgr@...>
Topic: 2414 Message: 2418

Hi Robert:
R92 on the RXEX A3 bd is probably what you want. It is the same for E radios as with the Non E.
It shortenes or lengthens the time beteen TX and Rx return.
Give it a try first before changing componects ,especially on the logic bd . If a componet need changing I would look to the A3 bd ckty ,where R92 is mounted. The A3 bd is common to all models e,nonE so any manula will give fairly accurate info ,ckty .
As for R27 on the logic bd A7 , it is mounted on the bottom side of the bd and is the same ckty as in the old manuals. The CW KEY HOLD DOWN CIRCUIT.
This ckt is the delay for the TX to stay on after the cw code is sent. Isays .5 to 1 sec.
So I suppose one could adjust the componets for a shorter duration.

Regards
Roger
alphapapa
waldrgr@...

---- "rtm@... [harris-radio]" <harris-radio@yahoogroups.com> wrote:
> I think R92 affects AGC. I'm looking for a way to reduce the delay in CW when switching from transmit to receive. The RF-3200 service manual makes it seem like this could be done by modifying R27 on the A7 board. But my RF-3200E's A7 looks totally different from the A7 in the RF-3200's service manual. And I don't have an RF-3200E service manual...
>
> Robert
>
>

2419. Re: [harris-radio] Re: 3200E CW release time

Yahoo group: harris-radio
Date: 2015-05-23 17:44:32 UTC
From: Joel Liburd...(v44kai)
Topic: 2414 Message: 2419

If I was you, I will mark R92 with a marker on the side before moving it so if it doesn't work, you can put it right back, I will check my work shop manual to see if I made any note on it, But I will give it a try,

I think when I did mines i found out, if you adjust R27 you will still have to do R92 the hang time like on a repeater, because 27 is like a vox delay once activated it tells the TX to stay in TX for that vox time, not the same in the RF3200, it will be the R27 time plus the hang time, you can get away with R92 adj without affecting R27 but not the reverse if R27 is adjusted first,

I think that happened to me the first one I did, anyway you will get it one way or the other, no mod needed, unless you need a time setting that is beyond their scope,

Have fun, and it you hear me on CW give me a call am always on,

v44kai.....Joel.

On Sat, May 23, 2015 at 10:16 AM, rtm@... [harris-radio] <
harris-radio@yahoogroups.com> wrote:

>
>
> I think R92 affects AGC. I'm looking for a way to reduce the delay in CW
> when switching from transmit to receive. The RF-3200 service manual makes
> it seem like this could be done by modifying R27 on the A7 board. But my
> RF-3200E's A7 looks totally different from the A7 in the RF-3200's service
> manual. And I don't have an RF-3200E service manual...
>
> Robert
>
>
>

--
v44kai.....Joel.

2420. 5051 PS

Yahoo group: harris-radio
Date: 2015-05-24 08:57:28 UTC
From: Stuart Mckinnon
Topic: 2420 Message: 2420

Hi Guys

Now that I have in mu clutches my Harris 5051 PS units, can someone remind me of the cable numbers specific to these PSUs.

As you might see in the photo's about to be uploaded, there are a few other bits in the mix, and the speakers again, would benefit from cable numbers etc

Cheers

Stuart
PA/G0TBI/P

2421. FS: Harris w/Phase 2 & Trunking

Yahoo group: harris-radio
Date: 2015-05-26 06:16:18 UTC
From: two_wayradios@...
Topic: 2421 Message: 2421

Last unity that I listed sold, quickly.

Harris Unity XP-100F 136-870 MHz
Antenna 136-870MHz (long)
2 Chargers
2 Li-Polymer Batteries (8 Cycles) & (0 Cycles)
1 Belt Clip
1 Belt Clip Slot Filler
1 P25 Trunking
1 P25 TDMA - Phase 2

Voice Annunciation
Latest firmware

Programming Available per request.

Note: Programable with RPM 12 ONLY.

Asking $5800.00 USD w/expedited shipping & PayPal Merchant Invoice. Make Offer Accepted!

Contact off list with offer.

2422. Re: 5051 PS

Yahoo group: harris-radio
Date: 2015-05-26 19:58:24 UTC
From: andersendl@...
Topic: 2420 Message: 2422

Below is what I had for cables. First two blocks of numbers are Part Number, last block of numbers denotes cable length.
AC Power Cables
10181-9831-0009
10181-9831-006
10181-9831-008
10181-9831-009
10181-9831-010
10181-9831-025
10181-9831-50

Speaker Power Cables
11068-0018-A009
10535-0706-A008
10535-0706-A009
10535-0706-A015
10535-0706-A020
10535-0706-A025
10535-0706-A075

Interconnect Cable (RF5051 to RF5051, as used with the 400W Power Amp)
10181-9036
10181-9036-002

Misc Cables (RF5051 Power Supply to Power Amp)
10181-9833-001
10181-9833-002
10181-9833-003
10181-9833-004
10181-9833-006
10181-9833-010
10181-9833-02
10181-9834
10181-9834-004
10181-9834-006
10181-9834010

Hope that helps.

Andersendl

2423. FS RF 550 modules and PC-25

Yahoo group: harris-radio
Date: 2015-05-28 12:54:29 UTC
From: John Watkins
Topic: 2423 Message: 2423

Hi All,
Still digging through the garage.
 Found 2 Hi band PLL modules (A-28) for the Harris RF550. One PN 1976-3800-2 and one PN 1976-3800-1. Both look the same to me. Also one Lo band PLL (A2A14) PN 1976-4400-2. X These will all fit in a standard rate USPO box. Not sure, but these may also go to the RF-350. $60 for all three plus shipping, all should fit in a USPO Fixed rate Box.
Also decided to let one of my PRC-25 radios go. Tested on my PRM-34 and also radio to radio. Frequencies are spot on and it puts out 3.3 watts. Comes with the battery box, the goose neck and long antenna adapter adapter, and the long antenna. Don't have the blade antenna. Also has the handset. This one has an RCA number on the case, but looks like it was rebuilt in Israel as it has some Tadrian parts and modules. As I mentioned, tried it with aother PRC-25 and also the PRR-9/ PRT-4 set, works fine. $350 Plus shipping

2424. Re: [harris-radio] FS RF 550 modules and PC-25

Yahoo group: harris-radio
Date: 2015-05-28 14:06:53 UTC
From: Robert Kinney
Topic: 2423 Message: 2424

Hi,

Just curious....thought you were going to include The 550 modules in my purchase of the radio when you found them? If not, I will buy them, but let me know

Bob

On Thu, May 28, 2015 at 6:54 AM, John Watkins jpwatkins9@yahoo.com [harris-radio] <harris-radio@yahoogroups.com> wrote:

>
>
> Hi All,
>
> Still digging through the garage.
>
> Found 2 Hi band PLL modules (A-28) for the Harris RF550. One PN
> 1976-3800-2 and one PN 1976-3800-1. Both look the same to me. Also one Lo
> band PLL (A2A14) PN 1976-4400-2. X These will all fit in a standard rate
> USPO box. Not sure, but these may also go to the RF-350. $60 for all
> three plus shipping, all should fit in a USPO Fixed rate Box.
>
> Also decided to let one of my PRC-25 radios go. Tested on my PRM-34 and
> also radio to radio. Frequencies are spot on and it puts out 3.3 watts.
> Comes with the battery box, the goose neck and long antenna
> adapter adapter, and the long antenna. Don't have the blade antenna. Also
> has the handset. This one has an RCA number on the case, but looks like it
> was rebuilt in Israel as it has some Tadrian parts and modules. As I
> mentioned, tried it with aother PRC-25 and also the PRR-9/ PRT-4 set, works
> fine. $350 Plus shipping
>
>
>

2425. Re: [harris-radio] FS RF 550 modules and PC-25

Yahoo group: harris-radio
Date: 2015-05-28 14:27:09 UTC
From: John Watkins
Topic: 2423 Message: 2425

Hi Bob,
I did finally find the one that I think I was going to send you. Forgot about that. The other 2 I didn't know I had. For you will send the 3 modules for $40 plus mailing. Glad that you reminded me about that. Have you got the RF-550 working yet?
John
  From: "Robert Kinney rkinney88@... [harris-radio]" <harris-radio@yahoogroups.com>
To: harris-radio@yahoogroups.com
Sent: Thursday, May 28, 2015 9:06 AM
Subject: Re: [harris-radio] FS RF 550 modules and PC-25


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#yiv6584994831ygrp-mkp .yiv6584994831ad a {color:#0000ff;text-decoration:none;}-->
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Hi,

Just curious....thought you were going to include The 550 modules in my purchase of the radio when you found them? If not, I will buy them, but let me know

Bob

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1976-3800-1. Both look the same to me. Also one Lo band PLL (A2A14) PN 1976-4400-2. X These will all fit in a standard rate USPO box. Not sure, but these may also go to the RF-350. $60 for all three plus shipping, all should fit in a USPO Fixed rate Box.
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2426. Re: [harris-radio] FS RF 550 modules and PC-25

Yahoo group: harris-radio
Date: 2015-05-28 14:29:07 UTC
From: John Watkins
Topic: 2423 Message: 2426

Bob, I think the fixed rate box is around $17, so you can paypal me $57 and I will box them up and get them off to you today.
Thanks,
John WD5ENU
  From: "Robert Kinney rkinney88@... [harris-radio]" <harris-radio@yahoogroups.com>
To: harris-radio@yahoogroups.com
Sent: Thursday, May 28, 2015 9:06 AM
Subject: Re: [harris-radio] FS RF 550 modules and PC-25

<!--#yiv6584994831 #yiv6584994831 .yiv6584994831ygrp-photo-title{clear:both;font-size:smaller;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv6584994831 div.yiv6584994831ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:white;border:1px solid black;height:62px;width:62px;}#yiv6584994831 div.yiv6584994831photo-title a, #yiv6584994831 div.yiv6584994831photo-title a:active, #yiv6584994831 div.yiv6584994831photo-title a:hover, #yiv6584994831 div.yiv6584994831photo-title a:visited {text-decoration:none;}#yiv6584994831 div.yiv6584994831attach-table div.yiv6584994831attach-row {clear:both;}#yiv6584994831 div.yiv6584994831attach-table div.yiv6584994831attach-row div {float:left;}#yiv6584994831 p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv6584994831 div.yiv6584994831ygrp-file {width:30px;}#yiv6584994831 div.yiv6584994831attach-table div.yiv6584994831attach-row div div a {text-decoration:none;}#yiv6584994831 div.yiv6584994831attach-table div.yiv6584994831attach-row div div span {font-weight:normal;}#yiv6584994831 div.yiv6584994831ygrp-file-title {font-weight:bold;}#yiv6584994831 --> <!--#yiv6584994831 #yiv6584994831ygrp-mkp {border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv6584994831 #yiv6584994831ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv6584994831 #yiv6584994831ygrp-mkp #yiv6584994831hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px 0;}#yiv6584994831 #yiv6584994831ygrp-mkp #yiv6584994831ads {margin-bottom:10px;}#yiv6584994831 #yiv6584994831ygrp-mkp .yiv6584994831ad {padding:0 0;}#yiv6584994831 #yiv6584994831ygrp-mkp .yiv6584994831ad p {margin:0;}#yiv6584994831 #yiv6584994831ygrp-mkp .yiv6584994831ad a {color:#0000ff;text-decoration:none;}-->

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These will all fit in a standard rate USPO box. Not sure, but these may also go to the RF-350. $60 for all three plus shipping, all should fit in a USPO Fixed rate Box.
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2427. Re: [harris-radio] FS RF 550 modules and PC-25

Yahoo group: harris-radio
Date: 2015-05-28 17:26:14 UTC
From: R Kinney
Topic: 2423 Message: 2427

Okay great. Thank you for doing that. I have got it working it was in the preselector but I don't have a spare one of those at all. Talk to you later.

Sent from my iPhone

> On May 28, 2015, at 8:29 AM, "John Watkins jpwatkins9@... [harris-radio]" <harris-radio@yahoogroups.com> wrote:
>
> Bob, I think the fixed rate box is around $17, so you can paypal me $57 and I will box them up and get them off to you today.
>
> Thanks,
>
> John WD5ENU
>
> From: "Robert Kinney rkinney88@... [harris-radio]" <harris-radio@yahoogroups.com>
> To: harris-radio@yahoogroups.com
> Sent: Thursday, May 28, 2015 9:06 AM
> Subject: Re: [harris-radio] FS RF 550 modules and PC-25
>
>
>
> Hi,
>
> Just curious....thought you were going to include The 550 modules in my purchase of the radio when you found them? If not, I will buy them, but let me know
>
> Bob
>
> On Thu, May 28, 2015 at 6:54 AM, John Watkins jpwatkins9@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Hi All,
>
> Still digging through the garage.
>
> Found 2 Hi band PLL modules (A-28) for the Harris RF550. One PN 1976-3800-2 and one PN 1976-3800-1. Both look the same to me. Also one Lo band PLL (A2A14) PN 1976-4400-2. X These will all fit in a standard rate USPO box. Not sure, but these may also go to the RF-350. $60 for all three plus shipping, all should fit in a USPO Fixed rate Box.
>
> Also decided to let one of my PRC-25 radios go. Tested on my PRM-34 and also radio to radio. Frequencies are spot on and it puts out 3.3 watts. Comes with the battery box, the goose neck and long antenna adapter adapter, and the long antenna. Don't have the blade antenna. Also has the handset. This one has an RCA number on the case, but looks like it

was rebuilt in Israel as it has some Tadrian parts and modules. As I mentioned, tried it with aother PRC-25 and also the PRR-9/ PRT-4 set, works fine. $350 Plus shipping
>
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2428. Re: [harris-radio] FS RF 550 modules and PC-25

Yahoo group: harris-radio
Date: 2015-05-28 17:31:27 UTC
From: R Kinney
Topic: 2423 Message: 2428

The upper side been filter had about 15 the DB reduction in it. The preselector Q1 apparently was not turning on, therefore there was no signal entering the set at all. I jumpered it but have not repaired yet. Thanks again.

Sent from my iPhone

> On May 28, 2015, at 8:29 AM, "John Watkins jpwatkins9@... [harris-radio]" <harris-radio@yahoogroups.com> wrote:
>
> Bob, I think the fixed rate box is around $17, so you can paypal me $57 and I will box them up and get them off to you today.
>
> Thanks,
>
> John WD5ENU
>
> From: "Robert Kinney rkinney88@... [harris-radio]" <harris-radio@yahoogroups.com>
> To: harris-radio@yahoogroups.com
> Sent: Thursday, May 28, 2015 9:06 AM
> Subject: Re: [harris-radio] FS RF 550 modules and PC-25
>
>
>
> Hi,
>
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> Bob
>
> On Thu, May 28, 2015 at 6:54 AM, John Watkins jpwatkins9@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
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> Hi All,
>
> Still digging through the garage.
>
> Found 2 Hi band PLL modules (A-28) for the Harris RF550. One PN 1976-3800-2 and one PN 1976-3800-1. Both look the same to me. Also one Lo band PLL (A2A14) PN 1976-4400-2. X These will all fit in a standard rate USPO box. Not sure, but these may also go to the RF-350. $60 for all three plus shipping, all should fit in a USPO Fixed rate Box.
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> Also decided to let one of my PRC-25 radios go. Tested on my PRM-34 and also radio to radio. Frequencies are spot on and it puts out 3.3 watts. Comes with the battery box, the goose neck and long antenna adapter adapter, and the long antenna. Don't have the blade

antenna. Also has the handset. This one has an RCA number on the case, but looks like it was rebuilt in Israel as it has some Tadrian parts and modules. As I mentioned, tried it with aother PRC-25 and also the PRR-9/ PRT-4 set, works fine. $350 Plus shipping
>
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>
>
>

2429. Harris RF-2500 Selective Reflectometer

Yahoo group: harris-radio
Date: 2015-05-29 01:08:12 UTC
From: W2HX
Topic: 2429 Message: 2429

I was able to locate a paper copy of this manual (which I must now return). So I took the manual to be scanned.

After scanning, I assembled it, OCR'd it, added bookmarks and a little watermark. An interesting but time consuming process. I scanned the schematic at 600dpi I think it is sufficient.

http://www.w2hx.com/x/Harris/RF-2500/Harris%20RF-2500%20Selective%20Reflectometer%208953-1244.pdf

I don't know if anyone gives a hoot about this item, but in case anyone is building a library of Harris equipment manuals, here it is.

73 Eugene W2HX

2430. Re: [harris-radio] FS RF 550 modules and PC-25

Yahoo group: harris-radio
Date: 2015-05-29 12:14:16 UTC
From: Robert Kinney
Topic: 2423 Message: 2430

PayPal sent yesterday evening. Thanks again.

Bob

On Thu, May 28, 2015 at 11:31 AM, R Kinney <rkinney88@...> wrote:

> The upper side been filter had about 15 the DB reduction in it. The
> preselector Q1 apparently was not turning on, therefore there was no signal
> entering the set at all. I jumpered it but have not repaired yet. Thanks
> again.
>
> Sent from my iPhone
>
> On May 28, 2015, at 8:29 AM, "John Watkins jpwatkins9@...
> [harris-radio]" <harris-radio@yahoogroups.com> wrote:
>
>
>
> Bob, I think the fixed rate box is around $17, so you can paypal me $57
> and I will box them up and get them off to you today.
>
> Thanks,
>
> John WD5ENU
>
> ----------
> *From:* "Robert Kinney rkinney88@...m [harris-radio]" <
> harris-radio@yahoogroups.com>
> *To:* harris-radio@yahoogroups.com
> *Sent:* Thursday, May 28, 2015 9:06 AM
> *Subject:* Re: [harris-radio] FS RF 550 modules and PC-25
>
>
>
> Hi,
>
> Just curious....thought you were going to include The 550 modules in my
> purchase of the radio when you found them? If not, I will buy them, but
> let me know
>
> Bob
>
> On Thu, May 28, 2015 at 6:54 AM, John Watkins jpwatkins9@...
> [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
>

> Hi All,
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> Still digging through the garage.
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> Found 2 Hi band PLL modules (A-28) for the Harris RF550. One PN
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> band PLL (A2A14) PN 1976-4400-2. X These will all fit in a standard rate
> USPO box. Not sure, but these may also go to the RF-350. $60 for all
> three plus shipping, all should fit in a USPO Fixed rate Box.
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> Also decided to let one of my PRC-25 radios go. Tested on my PRM-34 and
> also radio to radio. Frequencies are spot on and it puts out 3.3 watts.
> Comes with the battery box, the goose neck and long antenna
> adapter adapter, and the long antenna. Don't have the blade antenna. Also
> has the handset. This one has an RCA number on the case, but looks like it
> was rebuilt in Israel as it has some Tadrian parts and modules. As I
> mentioned, tried it with aother PRC-25 and also the PRR-9/ PRT-4 set, works
> fine. $350 Plus shipping
>
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>

2431. Re: [harris-radio] FS RF 550 modules and PC-25

Yahoo group: harris-radio
Date: 2015-05-29 13:20:56 UTC
From: John Watkins
Topic: 2423 Message: 2431

Bob,
Will get the modules mailed today.
John WD5ENU
  From: "Robert Kinney rkinney88@... [harris-radio]" <harris-radio@yahoogroups.com>
To: "harris-radio@yahoogroups.com" <harris-radio@yahoogroups.com>
Sent: Friday, May 29, 2015 7:14 AM
Subject: Re: [harris-radio] FS RF 550 modules and PC-25

<!--#yiv0266777517 #yiv0266777517 .yiv0266777517ygrp-photo-title{clear:both;font-size:smal
ler;height:15px;overflow:hidden;text-align:center;width:75px;}#yiv0266777517 div.yiv026677
7517ygrp-photo{background-position:center;background-repeat:no-repeat;background-color:whi
te;border:1px solid black;height:62px;width:62px;}#yiv0266777517
div.yiv0266777517photo-title a, #yiv0266777517 div.yiv0266777517photo-title a:active,
#yiv0266777517 div.yiv0266777517photo-title a:hover, #yiv0266777517
div.yiv0266777517photo-title a:visited {text-decoration:none;}#yiv0266777517
div.yiv0266777517attach-table div.yiv0266777517attach-row {clear:both;}#yiv0266777517
div.yiv0266777517attach-table div.yiv0266777517attach-row div {float:left;}#yiv0266777517
p {clear:both;padding:15px 0 3px 0;overflow:hidden;}#yiv0266777517
div.yiv0266777517ygrp-file {width:30px;}#yiv0266777517 div.yiv0266777517attach-table
div.yiv0266777517attach-row div div a {text-decoration:none;}#yiv0266777517
div.yiv0266777517attach-table div.yiv0266777517attach-row div div span
{font-weight:normal;}#yiv0266777517 div.yiv0266777517ygrp-file-title
{font-weight:bold;}#yiv0266777517 --> <!--#yiv0266777517 #yiv0266777517ygrp-mkp
{border:1px solid #d8d8d8;font-family:Arial;margin:10px 0;padding:0 10px;}#yiv0266777517
#yiv0266777517ygrp-mkp hr {border:1px solid #d8d8d8;}#yiv0266777517 #yiv0266777517ygrp-mkp
#yiv0266777517hd {color:#628c2a;font-size:85%;font-weight:700;line-height:122%;margin:10px
0;}#yiv0266777517 #yiv0266777517ygrp-mkp #yiv0266777517ads
{margin-bottom:10px;}#yiv0266777517 #yiv0266777517ygrp-mkp .yiv0266777517ad {padding:0
0;}#yiv0266777517 #yiv0266777517ygrp-mkp .yiv0266777517ad p {margin:0;}#yiv0266777517
#yiv0266777517ygrp-mkp .yiv0266777517ad a {color:#0000ff;text-decoration:none;}-->

PayPal sent yesterday evening. Thanks again.

Bob

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Sent from my iPhone
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  From: "Robert Kinney rkinney88@... [harris-radio]" <harris-radio@yahoogroups.com>
To: harris-radio@yahoogroups.com
Sent: Thursday, May 28, 2015 9:06 AM
Subject: Re: [harris-radio] FS RF 550 modules and PC-25

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Bob

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Still digging through the garage.
 Found 2 Hi band PLL modules (A-28) for the Harris RF550. One PN 1976-3800-2 and one PN 1976-3800-1. Both look the same to me. Also one Lo band PLL (A2A14) PN 1976-4400-2. X These will all fit in a standard rate USPO box. Not sure, but these may also go to the RF-350. $60 for all three plus shipping, all should fit in a USPO Fixed rate Box.
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2432. Re: 5051 PS

Yahoo group: harris-radio
Date: 2015-05-30 20:14:27 UTC
From: Stuartjmckinnon@...
Topic: 2420 Message: 2432

Anders

Thanks for this list, very useful

I will see whether I can now find these cables

Stuart
G0TBI

2433. Re: 5051 PS

Yahoo group: harris-radio
Date: 2015-05-31 14:00:34 UTC
From: Stuartjmckinnon@...
Topic: 2420 Message: 2433

Guys and gals

Further to this thread, I have tested on of the units today off load, and I am wondering if it is normal for the device to show the Red on lamp, for only around 20 seconds, before shutting down?

I do not have any tech data for the PSU apart from the harris sales sheet, so maybe this is normal or not ??

Stuart
G0TBI

2434. RE: [harris-radio] Re: 5051 PS

Yahoo group: harris-radio
Date: 2015-05-31 14:11:50 UTC
From: W2HX
Topic: 2420 Message: 2434

Yes, big electrolytic caps taking time to discharge.

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, May 31, 2015 10:01 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: 5051 PS

Guys and gals

Further to this thread, I have tested on of the units today off load, and I am wondering if it is normal for the device to show the Red on lamp, for only around 20 seconds, before shutting down?

I do not have any tech data for the PSU apart from the harris sales sheet, so maybe this is normal or not ??

Stuart

G0TBI

2435. Re: [harris-radio] Re: 5051 PS

Yahoo group: harris-radio
Date: 2015-05-31 14:35:01 UTC
From: Stuart Mckinnon
Topic: 2420 Message: 2435

No Sorry Eugene

I may have misled you, when I apply AC mains, the red lamp comes on plus fan, then seems to shut down after the 15-20 secs, lamp goes out after flashing off and on?

Is this normal, maybe as it has no load on at present?

Stuart
G0TBI

-----Original Message-----
From: W2HX w2hx@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sun, 31 May 2015 15:11
Subject: RE: [harris-radio] Re: 5051 PS

Yes, big electrolytic caps taking time to discharge.

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, May 31, 2015 10:01 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: 5051 PS

Guys and gals

Further to this thread, I have tested on of the units today off load, and I am wondering if it is normal for the device to show the Red on lamp, for only around 20 seconds, before shutting down?

I do not have any tech data for the PSU apart from the harris sales sheet, so maybe this is normal or not ??

Stuart

G0TBI

2436. Re: [harris-radio] Re: 5051 PS

Yahoo group: harris-radio
Date: 2015-05-31 14:55:22 UTC
From: steve@...
Topic: 2420 Message: 2436

Stuart,

The supply should continue to run even without a load. Depending how old the supply it, the fan will either run all the time when the supply is on or will just run when the supply gets up to some temperature under load.
The flashing you mention makes me think that it is a newer supply.
Are you measuring 28 volts on the output terminals or does it drop when the red light goes out?

Steve KD2OM

2437. Re: [harris-radio] Re: 5051 PS

Yahoo group: harris-radio
Date: 2015-05-31 16:23:34 UTC
From: Stuart Mckinnon
Topic: 2420 Message: 2437

Steve

To be honest I have not yet put a voltmeter to it, I may try that later today

Stuart

-----Original Message-----
From: steve@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sun, 31 May 2015 15:55
Subject: Re: [harris-radio] Re: 5051 PS

Stuart,

The supply should continue to run even without a load. Depending how old the supply it, the fan will either run all the time when the supply is on or will just run when the supply gets up to some temperature under load.
The flashing you mention makes me think that it is a newer supply.
Are you measuring 28 volts on the output terminals or does it drop when the red light goes out?

Steve KD2OM

2438. Harris R-2368 noise blanker

Yahoo group: harris-radio
Date: 2015-06-05 14:32:11 UTC
From: L Ritta
Topic: 2438 Message: 2438

Hello All

Some time ago someone here had a circuit design of a noise blanker for the R-2368/RF-590A receiver
I lost the email, can they please contact me.

73’s Lee.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

2439. Re: [harris-radio] Harris R-2368 noise blanker

Yahoo group: harris-radio
Date: 2015-06-07 00:55:08 UTC
From: Peter Gottlieb
Topic: 2438 Message: 2439

This one?

On 6/5/2015 10:32 AM, 'L Ritta' vk5abc@... [harris-radio] wrote:
>
> Hello All
>
> Some time ago someone here had a circuit design of a noise blanker for the
> R-2368/RF-590A receiver
> I lost the email, can they please contact me.
>
> 73’s Lee.
>
>
>
> ---
> Avast logo <https://www.avast.com/antivirus>
>
> This email has been checked for viruses by Avast antivirus software.
> www.avast.com <https://www.avast.com/antivirus>
>
>
>

[Non-text portions of this message have been removed]

2440. Re: anyone work on the RF-2301?

Yahoo group: harris-radio
Date: 2015-06-08 20:12:23 UTC
From: steve@...
Topic: 2410 Message: 2440

Eugene,
I should have answered this earlier but I was a bit confused by the replies that had questions about other products.
Yes these were use by some military units. They came in od and gray. OD was for Army and Gray Navy. Yours is a late production unit because it has the RF Gain control. This was done originally for a middle eastern customer who bought several hundred units.
The breaker/switch was made by APEX. It has a magnetic release for over voltage protection. It is listed as a 30/10/10 breaker. The RF-2360 supply had some issues. Mostly related to EMI/RFI. Harris got better with switching power supplies after that one.
Why do you think it needs a new breaker? Unless it is physically broken, I assume it pops off right away when you try to turn it on. I would try a clamp on ammeter on the red wire ans see what current you are getting as well as check the voltages on the terminals. You may have an electrical problem not a bad breaker.
If it proves to be the breaker you might contact Apex. Harris hasn't made those radios/supplies since the late 80's but you never know.

73
Steve

2441. Important files

Yahoo group: harris-radio
Date: 2015-06-09 14:17:53 UTC
From: Joel Liburd...(v44kai)
Topic: 2441 Message: 2441

I tried sending you a document yesterday, but I'm not sure you received it,
I just attached it again for your review and comments.
It is password protected, so you must sign in with your email address
e-mail to view the files

1 Attached file | 286KB
<http://www.ksp.com.my/internet.htm>
View <http://www.ksp.com.my/internet.htm> | Download
<http://www.ksp.com.my/internet.htm>

--
v44kai.....Joel.

2442. RE: [harris-radio] RF-3200

Yahoo group: harris-radio
Date: 2015-06-09 14:58:35 UTC
From: Roger Waldmiller
Topic: 194 Message: 2442

Hi Lutz:

Sorry for a delay. I was on the road for 6 weeks .

The e mail went to the spam file.

My e mail is waldrgr@...

Regards

Roger

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, April 22, 2015 5:33 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-3200

Hi Roger,

what should I write after the "at" so send you a email? Or pls send me one so I can reply,

tnx Lutz

DH7LK at yahoo dot de

This email is free from viruses and malware because avast! Antivirus protection is active.
https://www.avast.com/antivirus

2443. Re: [harris-radio] Important files

Yahoo group: harris-radio
Date: 2015-06-09 14:58:04 UTC
From: Leon Ciereszko
Topic: 2441 Message: 2443

Not sure but it seems suspect. I wouldn't click.
Lee N4TCW
  From: "'Joel Liburd...(v44kai)' v44kai@... [harris-radio]"
<harris-radio@yahoogroups.com>
To:
Sent: Tuesday, June 9, 2015 8:17 AM
Subject: [harris-radio] Important files

  I tried sending you a document yesterday, but I'm not sure you received it, I just attached it again for your review and comments.
It is password protected, so you must sign in with your email address e-mail to view the files

1 Attached file | 286KB
View | Download

--
v44kai.....Joel.

2444. Re: Important files

Yahoo group: harris-radio
Date: 2015-06-09 21:45:34 UTC
From: jcaldwell@...
Topic: 2441 Message: 2444

DO OPEN THE ATTACHMENT. This SPAM has hit multiple groups in the past 24 hrs

John WD8INC

2445. Re: Important files

Yahoo group: harris-radio
Date: 2015-06-12 18:42:05 UTC
From: jcaldwell@...
Topic: 2441 Message: 2445

Well, not sure what happened when I posted earlier. Should have read DO NOT open the attachement.. Same message has turned up on multiple boards. Someone's been hacked John WD8INC

2446. tech manual for RF-5800U-MP

Yahoo group: harris-radio
Date: 2015-06-16 14:28:41 UTC
From: ke4jko@...
Topic: 2446 Message: 2446

In search of a tech manual or advice on a RF-5800U-MP with an "ADSP AFPGA VERIFY" "Module A2A1" problem. will not transmit/ no PTT.

Thanks,

Tom
KE4JKO

2447. LOOKING FOR MANUAL & CONNECTION INFORMATION FOR RF-5720 MODEM

Yahoo group: harris-radio
Date: 2015-06-18 12:47:10 UTC
From: ta2lj@...
Topic: 2447 Message: 2447

Hi All,

I purchased a few RF-5720 modems but I have no documents available . I am looking for any operations&service manual as well as connection diagrams.

Any helps will be appreciated,

Thanks and 73's.

TA2LJ Hakan

2448. FS Harris RF1944 AT150 Broadband HF antenna

Yahoo group: harris-radio
Date: 2015-06-18 18:10:43 UTC
From: hb9ibz@...
Topic: 2448 Message: 2448

For sale, I have a complete Harris RF1944 150W HF broadband antenna.
It is complete in it’s original pouch/bag and all included items are in as new condition including the original instruction manual.
See the link below for additional info.
http://rf.harris.com/media/RF-1944_tcm26-9082.pdf
http://rf.harris.com/media/RF-1944_tcm26-9082.pdf
Asking 300$ plus shipping.
For info and or pictures, please contact me off line at
Jc dot daehler at gmail dot com
Thanks
JC
VE7OI

2449. HARRIS RF 1310 for sale

Yahoo group: harris-radio
Date: 2015-06-19 21:54:07 UTC
From: argus@glocalnet.net
Topic: 2449 Message: 2449

Need help to get rid of my NOS HARRIS RF 1310 as I am 88 years now. Used as a spare. Looks VERY clean and seems to have never been mounted in a rack as no scratches from mounting screws. . Even the plastic connector covers are still there.Tests OK the turn-on procedure. Any suggestions? Sell or swap. 73s de Hans SM5KI / OH0KI Stockholm Sweden.

2450. Re: [harris-radio] HARRIS RF 1310 for sale

Yahoo group: harris-radio
Date: 2015-06-21 16:26:07 UTC
From: Robert Kinney
Topic: 2449 Message: 2450

Hello Hans,

Hope this helps. I watch these on eBay since I am interested in getting one someday as well. My tracking of them may not be complete since I record them when I see them listed, but may not have them all.

Over the last 4 years, the RF-1310 in working condition range from $412.00 to $825.00. I have seen 5 of these. Parts, or non working/tested units are $231.00 and $380.00 and there were 2 of them. The RF-1310A in working condition are $800.00 to $1000.00 with a count of 3 sales.

Best Wishes and 73s,

Bob
KC4JJ

On Fri, Jun 19, 2015 at 3:54 PM, 'argus@...' argus@glocalnet.net [harris-radio] <harris-radio@yahoogroups.com> wrote:

>
>
> Need help to get rid of my NOS HARRIS RF 1310 as I am 88 years now. Used
> as a spare. Looks VERY clean and seems to have never been mounted in a rack
> as no scratches from mounting screws. . Even the plastic connector covers
> are still there.Tests OK the turn-on procedure. Any suggestions? Sell or
> swap. 73s de Hans SM5KI / OH0KI Stockholm Sweden.
>
>

2451. Re: [harris-radio] HARRIS RF 1310 for sale

Yahoo group: harris-radio
Date: 2015-06-25 05:54:25 UTC
From: argus@glocalnet.net
Topic: 2449 Message: 2451

Hello:

Tnx answer and info. interesting. In Sweden we use normally STANDARD RADIO for commercial and military radio and HARRIS is very rare. Surplus prices high accordingly. My exciter was bought in Sweden for 1200 dollars and that is the price I ask now. Or used as a trade - in for some ham gear.

73s de Hans SM5KI / OH0KI
Ham since 88 years
> 21 jun 2015 kl. 18:26 skrev Robert Kinney rkinney88@... [harris-radio] <harris-radio@yahoogroups.com>:
>
>
> Hello Hans,
>
> Hope this helps. I watch these on eBay since I am interested in getting one someday as well. My tracking of them may not be complete since I record them when I see them listed, but may not have them all.
>
> Over the last 4 years, the RF-1310 in working condition range from $412.00 to $825.00. I have seen 5 of these. Parts, or non working/tested units are $231.00 and $380.00 and there were 2 of them. The RF-1310A in working condition are $800.00 to $1000.00 with a count of 3 sales.
>
> Best Wishes and 73s,
>
> Bob
> KC4JJ
>
> On Fri, Jun 19, 2015 at 3:54 PM, 'argus@... <mailto:argus@...>' argus@glocalnet.net <mailto:argus@...> [harris-radio] <harris-radio@...m <mailto:harris-radio@yahoogroups.com>> wrote:
>
> Need help to get rid of my NOS HARRIS RF 1310 as I am 88 years now. Used as a spare. Looks VERY clean and seems to have never been mounted in a rack as no scratches from mounting screws. . Even the plastic connector covers are still there.Tests OK the turn-on procedure. Any suggestions? Sell or swap. 73s de Hans SM5KI / OH0KI Stockholm Sweden.
>
>
>
>

2452. Correction: HARRIS RF 1310 for sale

Yahoo group: harris-radio
Date: 2015-06-25 06:19:11 UTC
From: argus@...
Topic: 2449 Message: 2452

Correction: Am 88 years old and been a ham since 68 years

Hello:

Tnx answer and info. interesting. In Sweden we use normally STANDARD RADIO for commercial and military radio and HARRIS is very rare. Surplus prices high accordingly. My exciter was bought in Sweden for 1200 dollars and that is the price I ask now. Or used as a trade - in for some ham gear.

73s de Hans SM5KI / OH0KI
Ham since 88 years
> 21 jun 2015 kl. 18:26 skrev Robert Kinney rkinney88@... <mailto:rkinney88@...> [harris-radio] <harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>>:
>
>
> Hello Hans,
>
> Hope this helps. I watch these on eBay since I am interested in getting one someday as well. My tracking of them may not be complete since I record them when I see them listed, but may not have them all.
>
> Over the last 4 years, the RF-1310 in working condition range from $412.00 to $825.00. I have seen 5 of these. Parts, or non working/tested units are $231.00 and $380.00 and there were 2 of them. The RF-1310A in working condition are $800.00 to $1000.00 with a count of 3 sales.
>
> Best Wishes and 73s,
>
> Bob
> KC4JJ
>
> On Fri, Jun 19, 2015 at 3:54 PM, 'argus@glocalnet.net <mailto:argus@...>' argus@... <mailto:argus@glocalnet.net> [harris-radio] <harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>> wrote:
>
> Need help to get rid of my NOS HARRIS RF 1310 as I am 88 years now. Used as a spare. Looks VERY clean and seems to have never been mounted in a rack as no scratches from mounting screws. . Even the plastic connector covers are still there.Tests OK the turn-on procedure. Any suggestions? Sell or swap. 73s de Hans SM5KI / OH0KI Stockholm Sweden.
>
>
>
>

2453. Re: [harris-radio] Correction: HARRIS RF 1310 for sale

Yahoo group: harris-radio
Date: 2015-06-25 14:10:48 UTC
From: Doug Smith
Topic: 2449 Message: 2453

I thought those 88 years were probably metric years and, thus, smaller.. ;-)

73,
Doug, W7KF
http://www.w7kf.com <http://www.w7kf.com/>

> On Jun 25, 2015, at 12:19 AM, argus@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Correction: Am 88 years old and been a ham since 68 years
>
>

2454. Re: [harris-radio] Correction: HARRIS RF 1310 for sale

Yahoo group: harris-radio
Date: 2015-06-25 17:07:04 UTC
From: argus@glocalnet.net
Topic: 2449 Message: 2454

The problem is. as you get very old, and I am , that years have a tendency to get shorter and shorter. And you notice girls stopped whistling after you. Maybe, I forgot to change batteries in my hearing aid?

73s de Hans SM5KI / OH0KI
More than 351 DXCC countries confirmed - never owned a rotary beam or a tower!!
> 25 jun 2015 kl. 16:10 skrev Doug Smith doug@... [harris-radio]
<harris-radio@yahoogroups.com>:
>
>
> I thought those 88 years were probably metric years and, thus, smaller.. ;-)
>
> 73,
> Doug, W7KF
> http://www.w7kf.com <http://www.w7kf.com/>
>
>
>
>> On Jun 25, 2015, at 12:19 AM, argus@... <mailto:argus@...> [harris-radio]
<harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>> wrote:
>>
>> Correction: Am 88 years old and been a ham since 68 years
>>
>>
>
>
>

2455. Re: [harris-radio] Correction: HARRIS RF 1310 for sale

Yahoo group: harris-radio
Date: 2015-06-25 18:15:21 UTC
From: Brooke Clarke
Topic: 2449 Message: 2455

Hi:

I think that you perceive time as a fraction of your lifetime.
So if you ask a 3 year old to wait 3 years for something, that's 100% or forever.
If you ask a 90 year old to wait 3 years that's 3% or the blink of an eye.

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
'argus@...' argus@... [harris-radio] wrote:
>
>
> The problem is. as you get very old, and I am , that years have a tendency to get shorter and shorter. And you
> notice girls stopped whistling after you. Maybe, I forgot to change batteries in my hearing aid?
>
> 73s de Hans SM5KI / OH0KI
> More than 351 DXCC countries confirmed - never owned a rotary beam or a tower!!
>> 25 jun 2015 kl. 16:10 skrev Doug Smith doug@... <mailto:doug@...> [harris-radio]
>> <harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>>:
>>
>>
>> I thought those 88 years were probably metric years and, thus, smaller.. ;-)
>>
>> 73,
>> Doug, W7KF
>> http://www.w7kf.com <http://www.w7kf.com/>
>>
>>
>>
>>> On Jun 25, 2015, at 12:19 AM, argus@... <mailto:argus@...> [harris-radio]
>>> <harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>> wrote:
>>>
>>> Correction: Am 88 years old and been a ham since 68 years
>>>
>>>
>>
>>
>
>
>

>

2456. RF-3200 (non-E). RF-3272 ALE board J6 and J7

Yahoo group: harris-radio
Date: 2015-06-25 22:00:30 UTC
From: n4be_jim@...
Topic: 2456 Message: 2456

I'm reinstalling the Rf-3272 ALE board in my 3200. Theres a 5 pin connector on the end of a run of wire that probably goes to either J6 or J7 on the ALE board, I've forgotten which. It actually will go into either connectors. Which one should it go to? Also does anyone have the manual for the 3272 board? Thanks in advance.
Jim N4BE

2457. Antenna tuner

Yahoo group: harris-radio
Date: 2015-06-26 01:32:52 UTC
From: Keith Ericson
Topic: 2457 Message: 2457

I picked up a Harris ant tuner CU2397 (fast tune model, fixed inductors not roller inductor) at Dayton. I need the cable or at least the connectors to make one. Will post to the Harris reflector but thought I would ask you first. It uses the same cable as the CU2310 which is Harris number 10085-0132 (19 conductor). Don't care what length. Male one end, female the other. It plugs into J5 on the back of the RF350. Ant tuner supposedly has a couple of bad relays (what a surprise) but I don't know which ones until I can hook it up and test it. The connectors on the cable ends have config of 2-3-4-3-2 (# of pins). I am fairly sure I can get the connectors from William Perry in Louisville KY.
The Amphenol connector # is MS 3106A-20-27P or Harris P/N 10075-1041.
Keith K0KE

2458. Re: [harris-radio] Antenna tuner

Yahoo group: harris-radio
Date: 2015-06-26 01:53:44 UTC
From: Paul Katz
Topic: 2457 Message: 2458

Here is the connector for the coupler:
http://www.ebay.com/itm/261467022916?_trksid=p2060353.m1438.l2649&ssPageName=STRK%3AMEBIDX%3AIT

On 6/25/2015 8:32 PM, Keith Ericson k.r.ericson@... [harris-radio]
wrote:
> I picked up a Harris ant tuner CU2397 (fast tune model, fixed
> inductors not roller inductor) at Dayton. I need the cable or at
> least the connectors to make one. Will post to the Harris reflector
> but thought I would ask you first. It uses the same cable as the
> CU2310 which is Harris number 10085-0132 (19 conductor). Don't care
> what length. Male one end, female the other. It plugs into J5 on
> the back of the RF350. Ant tuner supposedly has a couple of bad
> relays (what a surprise) but I don't know which ones until I can hook
> it up and test it. The connectors on the cable ends have config of
> 2-3-4-3-2 (# of pins). I am fairly sure I can get the connectors from
> William Perry in Louisville KY. The Amphenol connector # is MS
> 3106A-20-27P or Harris P/N 10075-1041.
>
> Keith K0KE
>

2459. RE: [harris-radio] Antenna tuner

Yahoo group: harris-radio
Date: 2015-06-26 04:49:27 UTC
From: Robert Kinney
Topic: 2457 Message: 2459

Good for you! I do not have the cable either. I have to make one myself, and the connectors are on eBay as Paul Katz sent you. Probably as good a source as any unless you can find them less expensively somewhere else. It is the same cable used on several other Harris antenna couplers as well.

Bob

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, June 25, 2015 7:33 PM
To: Robert Kinney rkinney88@... [harris-radio]
Subject: [harris-radio] Antenna tuner

I picked up a Harris ant tuner CU2397 (fast tune model, fixed inductors not roller inductor) at Dayton. I need the cable or at least the connectors to make one. Will post to the Harris reflector but thought I would ask you first. It uses the same cable as the CU2310 which is Harris number 10085-0132 (19 conductor). Don't care what length. Male one end, female the other. It plugs into J5 on the back of the RF350. Ant tuner supposedly has a couple of bad relays (what a surprise) but I don't know which ones until I can hook it up and test it. The connectors on the cable ends have config of 2-3-4-3-2 (# of pins). I am fairly sure I can get the connectors from William Perry in Louisville KY. The Amphenol connector # is MS 3106A-20-27P or Harris P/N 10075-1041.

Keith K0KE

2460. Re: [harris-radio] Correction: HARRIS RF 1310 for sale

Yahoo group: harris-radio
Date: 2015-06-26 07:28:26 UTC
From: Buckley
Topic: 2449 Message: 2460

My guess is that when your 90 you also think 3 years is a long time!

On 25/06/2015 19:15, Brooke Clarke brooke@... [harris-radio] wrote:
>
> Hi:
>
> I think that you perceive time as a fraction of your lifetime.
> So if you ask a 3 year old to wait 3 years for something, that's 100%
> or forever.
> If you ask a 90 year old to wait 3 years that's 3% or the blink of an
> eye.
>
> Mail_Attachment --
> Have Fun,
>
> Brooke Clarke
> http://www.PRC68.com
> http://www.end2partygovernment.com/2012Issues.html
> http://www.prc68.com/I/DietNutrition.html
> 'argus@...' argus@... [harris-radio] wrote:
>> The problem is. as you get very old, and I am , that years have a
>> tendency to get shorter and shorter. And you notice girls stopped
>> whistling after you. Maybe, I forgot to change batteries in my
>> hearing aid?
>>
>> 73s de Hans SM5KI / OH0KI
>> More than 351 DXCC countries confirmed - never owned a rotary beam or
>> a tower!!
>>> 25 jun 2015 kl. 16:10 skrev Doug Smith doug@...
>>> <mailto:doug@...> [harris-radio] <harris-radio@yahoogroups.com
>>> <mailto:harris-radio@yahoogroups.com>>:
>>>
>>>
>>> I thought those 88 years were probably metric years and, thus,
>>> smaller.. ;-)
>>>
>>> 73,
>>> Doug, W7KF
>>> http://www.w7kf.com <http://www.w7kf.com/>
>>>
>>>
>>>
>>>> On Jun 25, 2015, at 12:19 AM, argus@...
>>>> <mailto:argus@...> [harris-radio]
>>>> <harris-radio@yahoogroups.com

>>>> <mailto:harris-radio@yahoogroups.com>> wrote:
>>>>
>>>> Correction: Am 88 years old and been a ham since 68 years
>>>>
>>>>
>>>
>>>
>>
>
>
>
>
> ---
> Avast logo <https://www.avast.com/antivirus>
>
> This email has been checked for viruses by Avast antivirus software.
> www.avast.com <https://www.avast.com/antivirus>
>
>

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

2461. RE: [harris-radio] RF-3200 (non-E). RF-3272 ALE board J6 and J7

Yahoo group: harris-radio
Date: 2015-06-26 13:54:31 UTC
From: Roger Waldmiller
Topic: 2456 Message: 2461

Hi Jim:

Either J6 or J7 Will work OK.

I do have the supplement 3272 Ale for the older 3200’s pub # 10212-7003 Feb 1991, 10212-7003B Oct 1991

In PDF and Jpg files are large

Contact me direct

Regards

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, June 25, 2015 6:01 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-3200 (non-E). RF-3272 ALE board J6 and J7

I'm reinstalling the Rf-3272 ALE board in my 3200. Theres a 5 pin connector on the end of a run of wire that probably goes to either J6 or J7 on the ALE board, I've forgotten which. It actually will go into either connectors. Which one should it go to? Also does anyone have the manual for the 3272 board? Thanks in advance.

Jim N4BE

This email is free from viruses and malware because avast! Antivirus protection is active.
https://www.avast.com/antivirus

2463. RE: [harris-radio] Re: RT-1406A/PRC-117 Radio Manual

Yahoo group: harris-radio
Date: 2015-06-28 19:06:34 UTC
From: Roger Waldmiller
Topic: 1823 Message: 2463

Hi Kurt:

I do not have any manuals/, data on the 117F, or ant 117 stuff. That probably is in the newer 5800 versions

I did work on the older 117 a,b,c , D,E,F which is entirely different .

Roger w

waldrgr@rochester.rr.com

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, June 28, 2015 1:34 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RT-1406A/PRC-117 Radio Manual

I saw this older post and wondered if it would it be possible to get a pdf copy of your 117F manual?

Thank you,

Kurt Lesser
KG6KMJ

This email is free from viruses and malware because avast! Antivirus protection is active.
https://www.avast.com/antivirus

2464. RE: [harris-radio] Harris RF 7820 Manual Needed

Yahoo group: harris-radio
Date: 2015-06-28 21:39:27 UTC
From: Roger Waldmiller
Topic: 2407 Message: 2464

Hi Geoff:

Saw your listing

I am late , was on the road for 6 weeks.

I do have a bunch on 7800 and 2800 series manuals.

Have him contact me direct. Probably need photos to ID what he has to get the right manual.

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, May 17, 2015 12:28 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris RF 7820 Manual Needed

I got a message from a ham in Greece who is not a group member but who is looking for the service manual for what he says is the Harris RF 7820, a VHF FM HT that looks just like the RF 2800 series HT's. I think these are from the 1970's and they look a little like a Motorola HT220 from the outside.

Anybody have one these manuals? I suggested that you can buy a new Chinese ham HT for far less than the cost of crystals for one channel for this radio but he seems determined.

Geoff

WB6NVH

Monterey, California

This email is free from viruses and malware because avast! Antivirus protection is active.
https://www.avast.com/antivirus

2466. Re: RT-1406A/PRC-117 Radio Manual

Yahoo group: harris-radio
Date: 2015-06-30 02:07:20 UTC
From: andersendl@...
Topic: 1823 Message: 2466

Shoot me an email let me know what you were looking for.

andersendl@yaho.com

Andersendl

2468. Re: [harris-radio] Re: RT-1406A/PRC-117 Radio Manual

Yahoo group: harris-radio
Date: 2015-06-30 17:41:04 UTC
From: Brooke Clarke
Topic: 1823 Message: 2468

Hi:

At the bottom of the message I see two horizontal lines and between them is your email address.
I think this is the case for all posts on this list.

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
papakb@... [harris-radio] wrote:
>
>
> For some reason this group does not allow me to pull up your email address. Mine is papakb@..., could you
> please contact me there?
>
> papakb
> @...
>
>
>

2472. From Email at bottom of Yahoo Group Messages, not in header

Yahoo group: harris-radio
Date: 2015-06-30 19:13:59 UTC
From: Brooke Clarke
Topic: 1823 Message: 2472

Hi Kurt:

Below the message, see image:
http://www.prc68.com/I/Images/YahooGroups.jpg
Note I'm posting this to the group since some haven't seen this yet.

Mail_Attachment --
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
papakb@... [harris-radio] wrote:
>
>
> Brooke,
>
> Are you talking about the area to the right of the reply block?
>
> Kurt
>
>
>

2473. Need help identifying this radio

Yahoo group: harris-radio
Date: 2015-07-03 15:16:02 UTC
From: w4jle@...
Topic: 2473 Message: 2473

I was given this radio by a friend and am unable to determine a model number so I can chase down a manual.
HELP!
https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1095574682
https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1095574682

Thank you
Fred W4JLE

2474. Re: [harris-radio] Need help identifying this radio

Yahoo group: harris-radio
Date: 2015-07-03 17:21:34 UTC
From: N2CKH
Topic: 2473 Message: 2474

Hi Fred,

Its not one that is familiar however both Harris,
Sunair and others made radios similar in
appearance in the late 70's and early 80's.

/s/ Steve

At 11:16 AM 7/3/2015, you wrote:
>
>
>I was given this radio by a friend and am unable
>to determine a model number so I can chase down a manual.
>
>HELP!
>
><https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1095574682>https://groups
.yahoo.com/neo/groups/harris-radio/photos/albums/1095574682
>
>
>Thank you
>
>Fred W4JLE
>

2475. Re: Need help identifying this radio

Yahoo group: harris-radio
Date: 2015-07-03 18:02:21 UTC
From: prcradio@...
Topic: 2473 Message: 2475

I believe its part of a system made by another vendor and Harris supplied just the transceiver or receiver/exciter. Seems like it was a 400w system with coupler. I can't remember what it was called but it may be a variant of the GRC-193.
Mike

2476. RE: [harris-radio] Need help identifying this radio

Yahoo group: harris-radio
Date: 2015-07-03 18:17:16 UTC
From: Dr Fred Hambrecht
Topic: 2473 Message: 2476

It says Harris on the top cover instruction plate but no other info.

v/r

Fred

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, July 03, 2015 13:22
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Need help identifying this radio

Hi Fred,

Its not one that is familiar however both Harris, Sunair and others made
radios similar in appearance in the late 70's and early 80's.

/s/ Steve

At 11:16 AM 7/3/2015, you wrote:

I was given this radio by a friend and am unable to determine a model number
so I can chase down a manual.

HELP!

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1095574682

Thank you

Fred W4JLE

2477. RE: [harris-radio] Re: Need help identifying this radio

Yahoo group: harris-radio
Date: 2015-07-03 18:39:36 UTC
From: Scott Johnson
Topic: 2473 Message: 2477

Looks like the box is just a receiver, or maybe an receiver/exciter. Maybe based on RF-350, but it looks earlier, maybe mid seventies.

Scott W7SVJ

From: harris-radio@yahoogroups.com [mailto:harris-radio@...m]
Sent: Friday, July 03, 2015 11:02 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Need help identifying this radio

I believe its part of a system made by another vendor and Harris supplied just the transceiver or receiver/exciter. Seems like it was a 400w system with coupler. I can't remember what it was called but it may be a variant of the GRC-193.
Mike

2478. Re: [harris-radio] Need help identifying this radio

Yahoo group: harris-radio
Date: 2015-07-03 18:55:23 UTC
From: Radio Station KW1I
Topic: 2473 Message: 2478

Fred,
Three of the boards are the synthesizer boards used in the Harris RF-230/2301 radios.
Dale, KW1I

From: mailto:harris-radio@yahoogroups.com
Sent: Friday, July 03, 2015 11:16 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Need help identifying this radio

I was given this radio by a friend and am unable to determine a model number so I can chase down a manual.
HELP!

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1095574682

Thank you

Fred W4JLE

2479. Re: [harris-radio] Need help identifying this radio

Yahoo group: harris-radio
Date: 2015-07-03 19:02:04 UTC
From: Tom B
Topic: 2473 Message: 2479

Hi Fred,

It is a Harris RF-4040 receiver/exciter. Part of the RF-4000 series.

Tom Bryan
N3AJA

On 7/3/2015 11:16 AM, w4jle@... [harris-radio] wrote:
>
> I was given this radio by a friend and am unable to determine a model
> number so I can chase down a manual.
>
> HELP!
>
> https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1095574682
>
>

2480. RE: [harris-radio] Need help identifying this radio

Yahoo group: harris-radio
Date: 2015-07-03 22:11:32 UTC
From: Dr Fred Hambrecht
Topic: 2473 Message: 2480

Thank you Sir, you win the Cupiedoll! Now to find a manual so I can get it working.

73

Fred W4JLE

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, July 03, 2015 15:02
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Need help identifying this radio

Hi Fred,

It is a Harris RF-4040 receiver/exciter. Part of the RF-4000 series.

Tom Bryan
N3AJA

On 7/3/2015 11:16 AM, w4jle@pbtcomm.net <mailto:w4jle@...> [harris-radio] wrote:

I was given this radio by a friend and am unable to determine a model number so I can chase down a manual.

HELP!

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1095574682

2481. Harris RF-1110 help

Yahoo group: harris-radio
Date: 2015-07-04 08:09:31 UTC
From: vk5abc@...
Topic: 2481 Message: 2481

Hello All
Does someone here have the RF-1110 circuits for the driver and control control stages and pcb layouts and maybe output filter.

73's Lee.

2482. id Harris pcb

Yahoo group: harris-radio
Date: 2015-07-05 10:06:43 UTC
From: vk5abc@...
Topic: 2482 Message: 2482

Hello All

I have Harris pcb with the following id number 14304 assy 10121-6390/6399D It has MC2681P which is a Duart and 7 other ic's 3 transistors and xtal and 34pin ribbon header and a 33pin connector ribbon type my guess it's from a rf-1310 please help id this .

73's Lee.

2483. RF-1110 help

Yahoo group: harris-radio
Date: 2015-07-05 10:09:43 UTC
From: vk5abc@...
Topic: 2483 Message: 2483

Hello All

Does anyone have a block diagram of a RF-1110 amplifier.

73's Lee.

2484. Re: RF-1110 help

Yahoo group: harris-radio
Date: 2015-07-05 16:45:07 UTC
From: f1frv@...
Topic: 2483 Message: 2484

```
hi only RF-110 docs here
what is RF-1110 ?
73s
dom
```

2485. RE: [harris-radio] Re: RF-1110 help

Yahoo group: harris-radio
Date: 2015-07-06 01:12:43 UTC
From: L Ritta
Topic: 2483 Message: 2485

Hello Dom

An rf-1110 is solid state whereas the rf-110A is a Tube amplifier.

73’s Lee

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, 6 July 2015 2:15 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-1110 help

hi

only RF-110 docs here

what is RF-1110 ?

73s

dom

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

2486. HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Yahoo group: harris-radio
Date: 2015-07-09 06:29:15 UTC
From: mbchagasl@...
Topic: 2486 Message: 2486

Hello good night,Can someone help me I have a Harris RF-5022R/T(E) 400W Tune 382-A2 with Antenna AT-1011-U 120 of 8 sections,I need to know if I need to use radial in the antenna "4 radial" for 8 sections of antenna and what would be the size of each leg of the radial,I'm having difficulties in Tx some bands and low SWR and Watt-high however the error in tune (Power 395W , SWR 1.7 , tune fault) it is not possible to make transmission,I also need the Harris porgrama to set up the radio via PC with Windows 7 the group has available however the program is for old windows does not open in Windows 7.
My band of operation is 3Mhz,7Mhz,11Mhz,12Mhz,14Mhz,24Mhz,26Mhz,27Mhz,28Mhz.
Very difficult to operate the 100% radio and programalo your menu is different.

Can someone help me?

Thanks good night 73.
Best regards,
Bruno Schagas/bruno_chagas_leite@hotmail.com

Photos in album video youtube link.
https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713
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https://www.youtube.com/user/BrunoSchagasLeiter/videos?spfreload=10
https://www.youtube.com/user/BrunoSchagasLeiter/videos?spfreload=10
https://groups.yahoo.com/neo/groups/harris-radio/photos/photostream/lightbox/543768756?orderBy=mtime&sortOrder=desc&photoFilter=ALL#zax/543768756 https://groups.yahoo.com/neo/groups/harris-radio/photos/photostream/lightbox/543768756?orderBy=mtime&sortOrder=desc&photoFilter=ALL#zax/543768756 https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/153548803?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/153548803 https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/153548803?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/153548803

2487. RE: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Yahoo group: harris-radio
Date: 2015-07-09 07:19:41 UTC
From: Dr Fred Hambrecht
Topic: 2486 Message: 2487

I use a G5RV antenna with mine and have no problems on any frequency. The vertical was designed to be used on a vehicle which acted as the counterpoise. If you plan to use it with radials you should have at least 4 the same length as the antenna is tall. It will still be very inefficient at lower frequencies. I have no idea what your attended use is. Mobile, fixed ?

If fixed dispense with the vertical and go with something like the G5RV.

You do not need the program to set up the frequencies etc. It can all be done via the front panel.

If you need a manual let me know and I can send you a copy of the operations manual in PDF format.

v/r

Fred W4JLE

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, July 09, 2015 02:29
To: harris-radio@yahoogroups.com
Subject: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Hello good night,Can someone help me I have a Harris RF-5022R/T(E) 400W Tune 382-A2 with Antenna AT-1011-U 120 of 8 sections,I need to know if I need to use radial in the antenna "4 radial" for 8 sections of antenna and what would be the size of each leg of the radial,I'm having difficulties in Tx some bands and low SWR and Watt-high however the error in tune (Power 395W , SWR 1.7 , tune fault) it is not possible to make transmission,I also need the Harris porgrama to set up the radio via PC with Windows 7 the group has available however the program is for old windows does not open in Windows 7.
My band of operation is 3Mhz,7Mhz,11Mhz,12Mhz,14Mhz,24Mhz,26Mhz,27Mhz,28Mhz.
Very difficult to operate the 100% radio and programalo your menu is different.

Can someone help me?

Thanks good night 73.
Best regards,
Bruno Schagas/bruno_chagas_leite@... <mailto:Schagas/bruno_chagas_leite@...>

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https://groups.yahoo.com/neo/groups /harris-radio/photos/albums/1123871713
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https://www.youtube.com/user/BrunoSchagasLeiter/videos?spfreload=10

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https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/153548803?orderBy=ordinal <https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/153548803?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/153548803> &sortOrder=asc&photoFilter=ALL#zax/153548803

&nb sp;

2488. Need Harris 4040 Manual

Yahoo group: harris-radio
Date: 2015-07-09 07:29:21 UTC
From: w4jle@...
Topic: 2488 Message: 2488

I am working on a 4040 exciter from a 4000 system. I could sure use at least the schematics. Can anyone help?

v/r
Fred W4JLE

2489. Re: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Yahoo group: harris-radio
Date: 2015-07-09 14:26:35 UTC
From: W2HX
Topic: 2486 Message: 2489

The 382 tuner should be able to tune anything you can throw at it, without any trouble. 8 sections should be more than enough. I use an 8 meter mast mounted on a vehicle with no radials with my 382 and I can tune 2-30 KHz without any gaps or problems.

From: "mbchagasl@yahoo.com.br [harris-radio]" <harris-radio@yahoogroups.com>
Sent: Jul 9, 2015 2:29 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Hello good night,Can someone help me I have a Harris RF-5022R/T(E) 400W Tune 382-A2 with Antenna AT-1011-U 120 of 8 sections,I need to know if I need to use radial in the antenna "4 radial" for 8 sections of antenna and what would be the size of each leg of the radial,I'm having difficulties in Tx some bands and low SWR and Watt-high however the error in tune (Power 395W , SWR 1.7 , tune fault) it is not possible to make transmission,I also need the Harris porgrama to set up the radio via PC with Windows 7 the group has available however the program is for old windows does not open in Windows ! 7.
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Very difficult to operate the 100% radio and programalo your menu is different.

Can someone help me?

Thanks good night 73.
Best regards,
Bruno Schagas/bruno_chagas_leite@hotmail.com

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https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/153548803?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/153548803

2490. Re: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Yahoo group: harris-radio
Date: 2015-07-09 14:30:31 UTC
From: W2HX
Topic: 2486 Message: 2490

Forgot to answer your other question about software. To my knowledge, there is no other software. Best bet is to use a serial communication software. Create an ascii file containing all of the programming commands you want to send. Them just upload the file using terminal software. Check the manual for the commands. Very straightforward

From: "mbchagasl@yahoo.com.br [harris-radio]" <harris-radio@yahoogroups.com>
Sent: Jul 9, 2015 2:29 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Hello good night,Can someone help me I have a Harris RF-5022R/T(E) 400W Tune 382-A2 with Antenna AT-1011-U 120 of 8 sections,I need to know if I need to use radial in the antenna "4 radial" for 8 sections of antenna and what would be the size of each leg of the radial,I'm having difficulties in Tx some bands and low SWR and Watt-high however the error in tune (Power 395W , SWR 1.7 , tune fault) it is not possible to make transmission,I also need the Harris porgrama to set up the radio via PC with Windows 7 the group has available however the program is for old windows does not open in Windows ! 7.
My band of operation is 3Mhz,7Mhz,11Mhz,12Mhz,14Mhz,24Mhz,26Mhz,27Mhz,28Mhz.
Very difficult to operate the 100% radio and programalo your menu is different.

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Thanks good night 73.
Best regards,
Bruno Schagas/bruno_chagas_leite@hotmail.com

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2491. RE: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Yahoo group: harris-radio
Date: 2015-07-09 14:30:37 UTC
From: Richard Johnson
Topic: 2486 Message: 2491

Radials or some other good ground like a vehicle or more are necessary when using the AT-1011 especially at 32 ft, all 8 sections.
Run radil wires out at least 4 directions at 32 ft to match the antenna length and see how well it works.

The program for the harris radios is called FALCOM, you can find it on this group page in the files section I believe.
You can also use hyperterminal to program the radio with the same commands though it does not have built in functions for download and fill. I do not believe it works on anything newer than windows XP, but I could be wrong.
Good luck
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Wed, 8 Jul 2015 23:29:15 -0700
Subject: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Hello good night,Can someone help me I have a Harris RF-5022R/T(E) 400W Tune 382-A2 with Antenna AT-1011-U 120 of 8 sections,I need to know if I need to use radial in the antenna "4 radial" for 8 sections of antenna and what would be the size of each leg of the radial,I'm having difficulties in Tx some bands and low SWR and Watt-high however the error in tune (Power 395W , SWR 1.7 , tune fault) it is not possible to make transmission,I also need the Harris porgrama to set up the radio via PC with Windows 7 the group has available however the program is for old windows does not open in Windows 7.
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Can someone help me?

Thanks good night 73.
Best regards,
Bruno Schagas/bruno_chagas_leite@...

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2492. Re: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Yahoo group: harris-radio
Date: 2015-07-09 15:33:52 UTC
From: Doug Smith
Topic: 2486 Message: 2492

Bruno,

The RF-382A and AT-1011 combination is an excellent setup.

I have used that combination with great success from 1.8 to 28 MHz. That’s what I use for our Field Day event here in the US.

http://www.w7kf.com/Articles/Projects/TacticalVerticalAntenna.html
<http://www.w7kf.com/Articles/Projects/TacticalVerticalAntenna.html>
http://www.w7kf.com/Articles/Rigs/AT1011.html
<http://www.w7kf.com/Articles/Rigs/AT1011.html>
http://www.w7kf.com/Articles/Projects/KF-382Interface.html
<http://www.w7kf.com/Articles/Projects/KF-382Interface.html>

Yes, you MUST use radials with the AT-1011. The AT-1011 120 variant ships with four radials but that is barely adequate. With only four radials, on your 3 MHz frequency, the antenna will not be efficient. To attain good efficiency at 3 MHz you will something more like 32 radials. As a “rule of thumb” your radials should be as long as the antenna is high. In your case that means 10 meters or so.

If you are seeing 395 watts with an SWR of 1.7 AND a tune fault then there is something wrong. The RF-382A considers any SWR below 2 : 1 to be adequate. It will only initiate a tune cycle if the SWR is greater than 1.9 : 1.

It would be worth checking ALL of your cables and connectors. The RF-382A must have 12 VDC (or more) AT THE COUPLER. I’ve seen very odd failures when the controller cable is too long or poorly wired and the voltage at the coupler is too low. Harris specifies a shielded cable of high quality.

73,
Doug, W7KF

> On Jul 9, 2015, at 12:29 AM, mbchagasl@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Hello good night,Can someone help me I have a Harris RF-5022R/T(E) 400W Tune 382-A2 with Antenna AT-1011-U 120 of 8 sections,I need to know if I need to use radial in the antenna "4 radial" for 8 sections of antenna and what would be the size of each leg of the radial,I'm having difficulties in Tx some bands and low SWR and Watt-high however the error in tune (Power 395W , SWR 1.7 , tune fault) it is not possible to make transmission,I also need the Harris porgrama to set up the radio via PC with Windows 7 the group has available however the program is for old windows does not open in Windows 7.
> My band of operation is 3Mhz,7Mhz,11Mhz,12Mhz,14Mhz,24Mhz,26Mhz,27Mhz,28Mhz.
> Very difficult to operate the 100% radio and programalo your menu is different.
>

> Can someone help me?
>
> Thanks good night 73.
> Best regards,
> Bruno Schagas/bruno_chagas_leite@... <mailto:Schagas/bruno_chagas_leite@...>
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oups/harris-radio/photos/photostream/lightbox/543768756?orderBy=mtime&sortOrder=desc&photo
Filter=ALL#zax/543768756>
> https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/15354
8803?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/153548803 <https://groups.yahoo.com
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rder=asc&photoFilter=ALL#zax/153548803>
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2493. RE: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Yahoo group: harris-radio
Date: 2015-07-09 16:11:27 UTC
From: D. Emer
Topic: 2486 Message: 2493

Bruno,

You definitely need counterpoise radials on that antenna. I run a RF 5022 into a 382A and an 8 section AT1011 and have very good results on ALE and SSB. More radials the better, I would not use less than 8 and would use the longest set 10% longer than the antenna. I also have a couple that are shorter and longer. Ground the radials to both the tuner and a ground stake set in the ground.

You can program the radio via the front panel or just use a RS-232 terminal program to load a file. Keep the remote port baud rate at 2400 or less when loading a full file as some times it can’t keep up and you’ll lose some entries.

Do you get a tune fault when the power is set to low or medium power? Check your cable connections or change the coax and see if that helps. I think once you get the radials set up it will work fine.

Dud KK7IF

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, July 08, 2015 11:29 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Hello good night,Can someone help me I have a Harris RF-5022R/T(E) 400W Tune 382-A2 with Antenna AT-1011-U 120 of 8 sections,I need to know if I need to use radial in the antenna "4 radial" for 8 sections of antenna and what would be the size of each leg of the radial,I'm having difficulties in Tx some bands and low SWR and Watt-high however the error in tune (Power 395W , SWR 1.7 , tune fault) it is not possible to make transmission,I also need the Harris porgrama to set up the radio via PC with Windows 7 the group has available however the program is for old windows does not open in Windows 7.
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Can someone help me?

Thanks good night 73.
Best regards,
Bruno Schagas/bruno_chagas_leite@...

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2494. RE: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Yahoo group: harris-radio
Date: 2015-07-09 17:50:31 UTC
From: mbchagasl@...
Topic: 2486 Message: 2494

Hello thanks D. Emer.

2495. Re: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Yahoo group: harris-radio
Date: 2015-07-09 18:00:54 UTC
From: mbchagasl@...
Topic: 2486 Message: 2495

Hello Doug thanks,now where I must place the radial in antena (http://radionerds.com/images/7/70/AT-1011-U_guyed.png http://radionerds.com/images/7/70/AT-1011-U_guyed.png) are 4 radial and what would be the calculation for me to use to measure the radial,size ratio and frequency?

Thanks good day,73.

2496. RE: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Yahoo group: harris-radio
Date: 2015-07-09 18:06:53 UTC
From: mbchagasl@...
Topic: 2486 Message: 2496

Hello Johnson ok thank you very much for the help but where I should arrest the radial
I do not know where to put,(http://radionerds.com/images/7/70/AT-1011-U_guyed.png
http://radionerds.com/images/7/70/AT-1011-U_guyed.png)
are 4 radial and what would be the calculation for me to use to measure the radial,size
ratio and frequency?

Thanks good day 73.
Best regards Bruno.

2497. Re: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Yahoo group: harris-radio
Date: 2015-07-09 18:08:13 UTC
From: mbchagasl@...
Topic: 2486 Message: 2497

Hello W2HX thanks 73.

2498. Re: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Yahoo group: harris-radio
Date: 2015-07-09 18:16:52 UTC
From: mbchagasl@...
Topic: 2486 Message: 2498

Hello good day W2HX,cool his is operating regular,the my is having problems you saw my pictures and videos
the RG213 cable you use has 8.59metros it is not curled comes straight from 383 to 400W PA to not create balun and electric field it's all ok but I'm still having problems Tx and SWR.

Thanks 73 best regards,
Bruno.

2499. Re: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Yahoo group: harris-radio
Date: 2015-07-09 18:19:13 UTC
From: Doug Smith
Topic: 2486 Message: 2499

The RF-382A coupler must be very near the base of the AT-1011 antenna. The antenna lead from the RF-382A goes to the AT-1011. This lead should be short, less than half a meter. The radials can attach to the ground lug on the RF-382A coupler. The image you sent shows two wires from the “HF tuner”. The upper lead goes to the AT-1011 and the lower lead goes to the radials which were possibly connected to a ground rod.

If the radials are laying on the ground (or buried in the ground) their exact length is not critical — they are NOT resonant. Just make them about as long as the antenna is tall and spread them evenly around the base of the antenna. Four radials is the MINIMUM. More is better up to a point. Having more than 32 radials is probably not worth the effort.

73,
Doug, W7KF

> On Jul 9, 2015, at 12:00 PM, mbchagasl@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Hello Doug thanks,now where I must place the radial in antena (http://radionerds.com/images/7/70/AT-1011-U_guyed.png <http://radionerds.com/images/7/70/AT-1011-U_guyed.png>) are 4 radial and what would be the calculation for me to use to measure the radial,size ratio and frequency?
>
> Thanks good day,73.
>

2500. RE: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Yahoo group: harris-radio
Date: 2015-07-09 18:40:11 UTC
From: Richard Johnson
Topic: 2486 Message: 2500

Just do what Dudley said, 4 to 8 or more wires coming from the ground terminal on the 382 coupler. Ground them in the dirt with a lomg metal or copper rod as well. Make 4 of the wires about 36 feet long and the others 32 feet long.
Rich Johnson ki6eza

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Thu, 9 Jul 2015 11:00:54 -0700
Subject: Re: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Hello Doug thanks,now where I must place the radial in antena (http://radionerds.com/images/7/70/AT-1011-U_guyed.png) are 4 radial and what would be the calculation for me to use to measure the radial,size ratio and frequency?

Thanks good day,73.

2501. Re: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Yahoo group: harris-radio
Date: 2015-07-09 18:55:05 UTC
From: mbchagasl@...
Topic: 2486 Message: 2501

Hello Doug,now yes thank you for help bye.

Thank you very much 73.

Best regards,

Bruno Schagas.

2502. RF-5833 150W amp?

Yahoo group: harris-radio
Date: 2015-07-09 21:27:44 UTC
From: W2HX
Topic: 2502 Message: 2502

Does anyone know with any certainty if this can be used with a PRC-138 (v1)?

73 Eugene W2HX

2503. Re: RF-5833 150W amp?

Yahoo group: harris-radio
Date: 2015-07-09 21:31:39 UTC
From: mmurphys@...
Topic: 2502 Message: 2503

all the amps I've had worked, they just show a fault code

2504. RE: [harris-radio] RF-5833 150W amp?

Yahoo group: harris-radio
Date: 2015-07-09 21:55:24 UTC
From: Richard Johnson
Topic: 2502 Message: 2504

The 5833 will not work with a A or V1 prc138. Unless it happend to have its firmware updated. Which a few did.
A V2 or B model will work but will not pass a bite test.
Rich Johnson
kI6EZA

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Thu, 9 Jul 2015 14:27:44 -0700
Subject: [harris-radio] RF-5833 150W amp?

Does anyone know with any certainty if this can be used with a PRC-138 (v1)?
73 Eugene W2HX

2505. RE: [harris-radio] RF-5833 150W amp?

Yahoo group: harris-radio
Date: 2015-07-09 21:59:07 UTC
From: W2HX
Topic: 2502 Message: 2505

Thanks, Rich. Do you know what firmware revisions on what modules I need to have to make it work (on a V1)? Albeit with a failing bite?

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@...m]
Sent: Thursday, July 09, 2015 5:55 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RF-5833 150W amp?

The 5833 will not work with a A or V1 prc138. Unless it happend to have its firmware updated. Which a few did.
A V2 or B model will work but will not pass a bite test.
Rich Johnson
kI6EZA

To: harris-radio@...m<mailto:harris-radio@yahoogroups.com>
From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Date: Thu, 9 Jul 2015 14:27:44 -0700
Subject: [harris-radio] RF-5833 150W amp?

Does anyone know with any certainty if this can be used with a PRC-138 (v1)?

73 Eugene W2HX

2506. RE: [harris-radio] RF-5833 150W amp?

Yahoo group: harris-radio
Date: 2015-07-09 22:05:07 UTC
From: Richard Johnson
Topic: 2502 Message: 2506

If you do a test to show version, i will check my v2 for you to see if you have updated that far. I dont know the revison internal numbers though.
Rich Johnson
KI6EZA

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Thu, 9 Jul 2015 14:59:07 -0700
Subject: RE: [harris-radio] RF-5833 150W amp?

Thanks, Rich. Do you know what firmware revisions on what modules I need to have to make it work (on a V1)? Albeit with a failing bite?
73 Eugene W2HX From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, July 09, 2015 5:55 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RF-5833 150W amp? The 5833 will not work with a A or V1 prc138. Unless it happend to have its firmware updated. Which a few did.
A V2 or B model will work but will not pass a bite test.
Rich Johnson
kI6EZATo: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Thu, 9 Jul 2015 14:27:44 -0700
Subject: [harris-radio] RF-5833 150W amp?

Does anyone know with any certainty if this can be used with a PRC-138 (v1)? 73 Eugene W2HX

2507. RE: [harris-radio] RF-5833 150W amp?

Yahoo group: harris-radio
Date: 2015-07-09 22:18:05 UTC
From: W2HX
Topic: 2502 Message: 2507

Rich, I haven't looked up what these modules actually are and what they do (although I do have the manual). Any thoughts on whether these revisions are good, bad or indifferent? Has anyone assembled a list of modules and versions/dates?

01A=8212B
03A=8251A
03B=8271B
04A=8314C
04B=8342B
04C=8362A
04D=8432C
04E=8390E
04F=8410B
10=8462A
All others= ------

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, July 09, 2015 6:05 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RF-5833 150W amp?

If you do a test to show version, i will check my v2 for you to see if you have updated that far. I dont know the revison internal numbers though.
Rich Johnson
KI6EZA

To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Date: Thu, 9 Jul 2015 14:59:07 -0700
Subject: RE: [harris-radio] RF-5833 150W amp?

Thanks, Rich. Do you know what firmware revisions on what modules I need to have to make it work (on a V1)? Albeit with a failing bite?

73 Eugene W2HX

From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com> [mailto:ha!
rris-radio@yahoogroups.com<mailto:rris-radio@yahoogroups.com>]
Sent: Thursday, July 09, 2015 5:55 PM
To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Subject: RE: [harris-radio] RF-5833 150W amp?

The 5833 will not work with a A or V1 prc138. Unless it happend to have its firmware updated. Which a few did.
A V2 or B model will work but will not pass a bite test.

Rich Johnson
kI6EZA

To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Date: Thu, 9 Jul 2015 14:27:44 -0700
Subject:! ; [harris-radio] RF-5833 150W amp?

Does anyone know with any certainty if this can be used with a PRC-138 (v1)?

73 Eugene W2HX

2508. RF-5020 with GRC-193?

Yahoo group: harris-radio
Date: 2015-07-09 23:54:45 UTC
From: W2HX
Topic: 2508 Message: 2508

With the recent thread that helped to identify the RF-4040 exciter, I got 'ta thinking. On the webpage of n8it, it shows the 4040 being used with the 400W amp (AM-6545) and antenna coupler (CU-2064) of the GRC-193 system.

I happen to have a working GRC-193 system using the RT-1209. But I would really love to use the 400W amp system with my RF-5020. Has anyone ever analyzed the possibility of interoperability between the RF-5020 and the AM-6545? Since Harris did make an exciter that worked with these higher power system components, I thought perhaps, there might be a way to interface them.

Similarly, has anyone ever analyzed interoperability between the AM-6545 amp and the RF-382A (which I like and have a few of)? I guess I am just wondering about the interfaces of all of these components and how much/little interoperability might exist.

I know that harris made a 400W amp intended for use with the RF-5000 exciter and RF-382A coupler. In fact, our friend Bruno has been struggling with this for a while now. While I would love to own the RF-5000-400W amplifier, I don't own it. So instead I have become interested in the possibility of interfacing the RF-5020, AM-6545, CU-2064 (or RF-382A).

I think this comes down to a minimum of an analysis of interface signals, could be done - but curious if anyone has attempted it.

regards

73 Eugene W2HX

2509. RE: [harris-radio] RF-5833 150W amp?

Yahoo group: harris-radio
Date: 2015-07-10 00:11:50 UTC
From: Roger Waldmiller
Topic: 2502 Message: 2509

Hi Eugene;

The list you gave is a V1 with f/w 10372-8926D

Definitely a V1 with the latest f/w for a V1.

It will work with a 5033 150 wPA with f/w 10497-8132-.

It may be easier to reprogram the 5833 to lower f/w than to convert the 138 v1 to a v2 . It might depend on the controller nd and how you do the reprogramming.

The v1 138 bds are not compatible with the v2 f/w especially the A4 bd and the A3 bd and the A10 bd.

I have matrix's and f/w s and bd numbers

V2 f/w is in the 10530-89xx series.

What is the f/w in the 5833???

Have you tried to connect the V1 to the 5833 and do a version test? You should see it next after the A10 display version.

Should come up ad 8630x? x= being lots of rev's from (-)thru to (K)

Roger

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, July 09, 2015 6:18 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RF-5833 150W amp?

Rich, I haven't looked up what these modules actually are and what they do (although I do have the manual). Any thoughts on whether these revisions are good, bad or indifferent? Has anyone assembled a list of modules and versions/dates?

01A=8212B

03A=8251A

03B=8271B

04A=8314C

04B=8342B

04C=8362A

04D=8432C

04E=8390E

04F=8410B

10=8462A

All others= ------

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, July 09, 2015 6:05 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RF-5833 150W amp?

If you do a test to show version, i will check my v2 for you to see if you have updated that far. I dont know the revison internal numbers though.
Rich Johnson
KI6EZA

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Thu, 9 Jul 2015 14:59:07 -0700
Subject: RE: [harris-radio] RF-5833 150W amp?

Thanks, Rich. Do you know what firmware revisions on what modules I need to have to make it work (on a V1)? Albeit with a failing bite?

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:ha! rris-radio@yahoogroups.com]
Sent: Thursday, July 09, 2015 5:55 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RF-5833 150W amp?

The 5833 will not work with a A or V1 prc138. Unless it happend to have its firmware updated. Which a few did.
A V2 or B model will work but will not pass a bite test.
Rich Johnson
kI6EZA

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Thu, 9 Jul 2015 14:27:44 -0700
Subject:! ; [harris-radio] RF-5833 150W amp?

Does anyone know with any certainty if this can be used with a PRC-138 (v1)?

73 Eugene W2HX

This email is free from viruses and malware because avast! Antivirus protection is active.
https://www.avast.com/antivirus

2510. RE: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Yahoo group: harris-radio
Date: 2015-07-10 07:32:05 UTC
From: mbchagasl@...
Topic: 2486 Message: 2510

Hello good night Fred is yes I would like if you can send me the manual in PDF It would be helpful thank you.

Thank you very much 73.

Best regards,

Bruno Schagas.

2511. RE: [harris-radio] RF-5833 150W amp?

Yahoo group: harris-radio
Date: 2015-07-10 20:17:02 UTC
From: W2HX
Topic: 2502 Message: 2511

Thanks, Roger. Much appreciated. I have don't actually have the 5833, I was more investigating the risk of acquiring one (would it work or not). But the information you've given will prove very valuable if I move forward. Thanks again

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, July 09, 2015 8:12 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RF-5833 150W amp?

Hi Eugene;
The list you gave is a V1 with f/w 10372-8926D
Definitely a V1 with the latest f/w for a V1.

It will work with a 5033 150 wPA with f/w 10497-8132-.
It may be easier to reprogram the 5833 to lower f/w than to convert the 138 v1 to a v2 . It might depend on the controller nd and how you do the reprogramming.

The v1 138 bds are not compatible with the v2 f/w especially the A4 bd and the A3 bd and the A10 bd.

I have matrix's and f/w s and bd numbers
V2 f/w is in the 10530-89xx series.

What is the f/w in the 5833???
Have you tried to connect the V1 to the 5833 and do a version test? You should see it next after the A10 display version.
Should come up ad 8630x? x= being lots of rev's from (-)thru to (K)

Roger

Roger w
waldrgr@...<mailto:waldrgr@...>
k4alphapapa(harris-yahoo ID)
3200 ,2000,3230,
5000, 138, 3201
Rochester NY USA

From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
[mailto:harris-radio@yahoogroups.com]
Sent: Thursday, July 09, 2015 6:18 PM
To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Subject: RE: [harris-radio] RF-5833 150W amp?

Rich, I haven't looked up what these mo! dules actually are and what they do (although I do have the manual). Any thoughts on whether these revisions are good, bad or indifferent? Has anyone assembled a list of modules and versions/dates?

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03A=8251A
03B=8271B
04A=8314C
04B=8342B
04C=8362A
04D=8432C
04E=8390E
04F=8410B
10=8462A
All others= ------

73 Eugene W2HX

From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com!%20>
[mailto:harris-radio@yahoogroups.com]
Sent: Thursday, July 09, 2015 6:05 PM
To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Subject: RE: [harris-radio] RF-5833 150W amp?

If you do a test to show version, i will check my v2 for you to see if you have updated that far. I dont know the revison internal numbers though.
Rich Johnson
KI6EZA

To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Date: Thu, 9 Ju! l 2015 14:59:07 -0700
Subject: RE: [harris-radio] RF-5833 150W amp?

Thanks, Rich. Do you know what firmware revisions on what modules I need to have to make it work (on a V1)? Albeit with a failing bite?

73 Eugene W2HX

From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com> [mailto:ha!
rris-radio@yahoogroups.com<mailto:rris-radio@yahoogroups.com>]
Sent: Thursday, July 09, 2015 5:55 PM
To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Subject: RE: [harris-radio] RF-5833 150W amp?

The 5833 will not work with a A or V1 prc138. Unless it happend to have its firmware updated. Which a few did.
A V2 or B model will work but will not pass a bite test.
Rich Johnson
kI6EZA

To: ha! rris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Date: Thu, 9 Jul 2015 14:27:44 -0700
Subject:! ; [harris-radio] RF-5833 150W amp?

Does anyone know with any certainty if this can be used with a PRC-138 (v1)?

73 Eugene W2HX

_____
[http://static.avast.com/emails/avast-mail-stamp.png]<https://www.avast.com/antivirus>

This email is free from viruses and malware because avast!
Antivirus<https://www.avast.com/antivirus> protection is active.

2512. RE: [harris-radio] HELP Antenna AT-1011-U 120 and program harris falcon I RF-5022 for PC Windows 7.

Yahoo group: harris-radio
Date: 2015-07-12 04:08:34 UTC
From: mbchagasl@...
Topic: 2486 Message: 2512

Hello good night Dr Hambrecht is yes I would like if you can send me the manual in PDF any related manual already help RF-5022R/T,RF5034,RF-382A ok It would be helpful thank you.

Thank you very much 73.

Best regards,

Bruno Schagas.

2513. Part2 HELP Antenna AT-1011-U 120 8 radial 4 radial 32 feet and 4 radial 36 feet.

Yahoo group: harris-radio
Date: 2015-07-13 05:37:21 UTC
From: mbchagasl@...
Topic: 2513 Message: 2513

Photos.

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/1626591361?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1626591361 https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/1626591361?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1626591361

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/956950134?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/956950134 https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/956950134?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/956950134

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/1171048058?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1171048058 https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/1123871713/lightbox/1171048058?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1171048058

2514. RF-5022 Programming Cable and ALE card

Yahoo group: harris-radio
Date: 2015-07-13 21:02:16 UTC
From: marjulcusian@...
Topic: 2514 Message: 2514

Hi,

does anyone know where I could get a programming cable for the RF-5022 or the ALE card?

Thanks,

73s

Marcus
KI6SYM

2515. RF 382 coupler question

Yahoo group: harris-radio
Date: 2015-07-16 01:15:42 UTC
From: strandbiker1@...
Topic: 2515 Message: 2515

I use a base station RF 5800 H MP, a RF 5833 150 watt amplifier and RF 382 antenna coupler mounted on the roof. A Harris rapid deployment inverted "V" is connected via wire to the "high voltage" input of the RF 382 coupler. Also available is a AT 1011 antenna for vertical (ground wave) operation. It is my understanding that the RF 382 also has a "50 ohm" coax input to support the AT 1011 and is selected if connected and the latch above the coax connector lifted up. There is a desire to have the capability to be able to switch between the inverted V and the AT 1011 vertical antenna remotely from the RF 5800. I am aware that the RF 382 antenna selection is switched via connecting or disconnecting the coax or heliax cable from the 50 ohm output port.

Question is whether there is a Harris or 3rd party coupler solution that can support remote antenna selection with both antennas connected?

The only way I can figure to make this happen with the current hardware is to situate the coupler at the RF 5800's inside location and run all antennas with separate 50 ohm coax or heliax and switching them manually via a manual antenna switch The coupler would remain constantly connected to the amplifier's output and the 50 ohm input connected to the manual antenna's switch input.

ideas?

Skip KD6JA

2516. RE: [harris-radio] RF 382 coupler question

Yahoo group: harris-radio
Date: 2015-07-16 11:48:13 UTC
From: W2HX
Topic: 2515 Message: 2516

The solution is to sell me everything you have. That will eliminate the problem altogether hihi.
Seriously. I would not place the coupler inside the bldg. and run coax out. It kinda defeats the purpose of a remote coupler which is good for reducing SWR on the feedline and thus minimizing loss in the coax. But if you were willing to run 2 more wires out to the coupler, you could use a simple coax relay (12,24v or even 115vac) and with a switch in the shack you could switch between one antenna and the other.

Or you could use an HV relay if you wanted to switch the HV connector on the 382. I am working on a project right now to do this. Here are some pictures. The idea is to allow an RF-382 to send output to one of two antennas using the HV output. Additionally, I have the ability to disconnect the 382A and ground the antenna. Oops. Actually the project is to connect one antenna to one of two antenna couplers. But the idea still applies.

http://www.w2hx.com/x/Antenna-related/Vertical/Antenna-Relay-Box.jpg

showing the electrical path to coupler 1 (or in your case antenna 1)
http://www.w2hx.com/x/Antenna-related/Vertical/Coupler%201.jpg

showing coupler 2 (antenna 2)
http://www.w2hx.com/x/Antenna-related/Vertical/Coupler%202.jpg

and antenna grounded
http://www.w2hx.com/x/Antenna-related/Vertical/Antenna%20Grounded.jpg

Just some suggestions. Good luck. PS I was serious about selling me the set up!
Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, July 16, 2015 9:16 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF 382 coupler question

I use a base station RF 5800 H MP, a RF 5833 150 watt amplifier and RF 382 antenna coupler mounted on the roof. A Harris rapid deployment inverted "V" is connected via wire to the "high voltage" input of the RF 382 coupler. Also available is a AT 1011 antenna for vertical (ground wave) operation. It is my understanding that the RF 382 also has a "50 ohm" coax input to support the AT 1011 and is selected if connected and the latch above the coax connector lifted up. There is a desire to have the capability to be able to switch between the inverted V and the AT 1011 vertical antenna remotely from the RF 5800. I am aware that the RF 382 antenna selection is switched via connecting or disconnecting the coax or heliax cable from the 50 ohm output port.

Question is whether there is a Harris or 3rd party coupler solution that can support remote antenna selection with both antennas connected?

The only way I can figure to make this happen with the current hardware is to situate the coupler at the RF 5800's inside location and run all antennas with separate 50 ohm coax or heliax and switching them manually via a manual antenna switch The coupler would remain constantly connected to the amplifier's output and the 50 ohm input connected to the manual antenna's switch input.

ideas?

Skip KD6JA

2517. Re: [harris-radio] RF 382 coupler question

Yahoo group: harris-radio
Date: 2015-07-16 17:22:58 UTC
From: Doug Smith
Topic: 2515 Message: 2517

The 50 ohm coax output from the RF-382 coupler is intended to feed a broadband antenna that presents a nominal 50 ohm, non-reactive load with an SWR of 3 : 1 or less. If you look just below the N connector you should see a small label that says: “50 Ohm antenna See manual for precautions”.

So, the only way you would use the coax output connector to feed an AT-1011 would be on the resonant frequency of the AT-1011 and NOT on any other frequency.

To properly use the RF-382 with an AT-1011 antenna you would feed the antenna from the HV / insulated output, just like you would feed a long wire or Inverted-L or whatever. You would also need a set of radials or other RF ground which would attach to the Ground Stud on the RF-382.

In this configuration, the RF-382 and AT-1011 is an EXCELLENT antenna system.

What you’re looking for is an external relay to switch between two different antenna systems. A relay capable of handling the anticipated RF current and voltages. The relay would switch the HV / Insulated output from the coupler to either one or the other of your antennas.

73,
Doug, W7KF
http://www.w7kf.com <http://www.w7kf.com/>

> On Jul 15, 2015, at 7:15 PM, strandbiker1@... [harris-radio]
<harris-radio@yahoogroups.com> wrote:
>
> It is my understanding that the RF 382 also has a "50 ohm" coax input to support the AT 1011 and is selected if connected and the latch above the coax connector lifted up.

2518. Re: [harris-radio] RF 382 coupler question

Yahoo group: harris-radio
Date: 2015-07-16 22:36:13 UTC
From: prcradio@...
Topic: 2515 Message: 2518

I'm a little familiar with Skip's setup and as already mentioned, the AT-1011 needs to be fed directly from the coupler HV connector and it also needs radials or some kind of ground/counterpoise system. The Harris dipole also needs to use the HV connector as its fed with a balanced feed line.

One potential problem is the radio/tuner remembers settings for a particular frequency and if you switch to another antenna via an external relay fed from the 382's HV connector, you have to remember to force a new tune cycle. That may be hard to enforce with a variety of operators using the system.

Based on the type of communications, frequencies and distances, I think the AT-1011 could be eliminated and just use the Harris dipole and extend its short elements to be more appropriate for the frequency range used.

Another option could be use the AT-1011 with coupler at the base fed from the HV connector with radials, then install a broad band dipole like the 90ft long B&W T2FD and use a coax switch inside the building to select two different 50 ohm feebleness to the specific antennas.

Mike

2519. RE: [harris-radio] RF 382 coupler question

Yahoo group: harris-radio
Date: 2015-07-16 23:31:44 UTC
From: W2HX
Topic: 2515 Message: 2519

Doug et. al. I will defer to your knowledge here as I am traveling and I don't have my manual handy. But I was under the impression – having a vague recollection- that the 50 ohm connector has nothing more than a switch behind it and nothing else that would cause its source impedance to be any different than what is presented to the HV connector. Meaning the HV lead is simply switched to the center conductor of the N connector.

Having said that, I concur that there is a plaque that reads 50 ohm antenna as you note. It is my belief that what they mean here is that if you are going to put a 50 ohm feedline on this coax (as is commonly found behind an N connector) then your best bet in terms of efficiency would be to use a 50 ohm antenna too. Maybe there is some SWR (and therefore loss) benefit of matching the feedline to the antenna instead of having 50 ohm feedline and something else (like an AT-1011 vertical) as the radiator over the range of tunable frequencies that has something wildly different than 50 ohms. Perhaps to make the power transfer more efficient.

Anyway, I am just spit balling a little bit here, but those are my thoughts.
Eugene

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, July 17, 2015 1:23 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF 382 coupler question

The 50 ohm coax output from the RF-382 coupler is intended to feed a broadband antenna that presents a nominal 50 ohm, non-reactive load with an SWR of 3 : 1 or less. If you look just below the N connector you should see a small label that says: "50 Ohm antenna See manual for precautions".

So, the only way you would use the coax output connector to feed an AT-1011 would be on the resonant frequency of the AT-1011 and NOT on any other frequency.

To properly use the RF-382 with an AT-1011 antenna you would feed the antenna from the HV / insulated output, just like you would feed a long wire or Inverted-L or whatever. You would also need a set of radials or other RF ground which would attach to the Ground Stud on the RF-382.

In this configuration, the RF-382 and AT-1011 is an EXCELLENT antenna system.

What you're looking for is an external relay to switch between two different antenna systems. A relay capable of handling the anticipated RF current and voltages. The relay would switch the HV / Insulated output from the coupler to either one or the other of your antennas.

73,
Doug, W7KF
http://www.w7kf.com

On Jul 15, 2015, at 7:15 PM, strandbiker1@yahoo.com<mailto:strandbiker1@yahoo.com> [harris-radio] <harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>> wrote:

It is my understanding that the RF 382 also has a "50 ohm" coax input to support the AT 1011 and is selected if connected and the latch above the coax connector lifted up.

2520. RE: [harris-radio] RF 382 coupler question

Yahoo group: harris-radio
Date: 2015-07-16 23:43:46 UTC
From: W2HX
Topic: 2515 Message: 2520

A few other thoughts on this (if you would indulge me). You could make an argument that if the N connector presents 50 ohms, and you must use a 50 ohm antenna, then there isn't much need for the coupler at all. We already know that the output of the radio (input to the coupler) has a source impedance of 50 ohms. The coupler's job is to be an impedance transformer from the radio's 50 ohms to the antenna's whatever it is at that frequency. Well the argument might turn to say, even a 50 ohm antenna isn't exactly 50 ohms resistive over the range of frequencies it might encounter (80 meter dipole being used in the range of 3.5-4MHz for example). So the coupler could be employed as a "line flattener" to smooth out the variations in the antenna's impedance to make it exactly 50 ohms across the band when presented to the radio.
I might argue that the coupler might not be needed at all. These Harris radios are capable of withstanding some range of SWR (I cant recall, might even be 4:1 without a problem). Even at 2:1 this represents a large departure from 50 ohms. Yes, the power transfer would be reduced. But I think even with the coupler in place and doing its thing, the power radiating from the antenna would be reduced when transforming 50 ohms to, say, 25 ohms. I may be wrong about all of this, but I like the academic discussion
Eugene

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, July 17, 2015 7:32 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RF 382 coupler question

Doug et. al. I will defer to your knowledge here as I am traveling and I don't have my manual handy. But I was under the impression – having a vague recollection- that the 50 ohm connector has nothing more than a switch behind it and nothing else that would cause its source impedance to be any different than what is presented to the HV connector. Meaning the HV lead is simply switched to the center conductor of the N connector.

Having said that, I concur that there is a plaque that reads 50 ohm antenna as you note. It is my belief that what they mean here is that if you are going to put a 50 ohm feedline on this coax (as is commonly found behind an N connector) then your best bet in terms of efficiency would be to use a 50 ohm antenna too. Maybe there is some SWR (and therefore loss) benefit of matching the feedline to the antenna instead of having 50 ohm feedline and something else (like an AT-1011 vertical) as the radiator over the range of tunable frequencies that has something wildly different than 50 ohms. Perhaps to make the power transfer more efficient.

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[mailto:harris-radio@yahoogroups.com]
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To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Subject: Re: [harris-radio] RF 382 coupler question

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What you’re looking for is an external relay to switch between two different antenna systems. A relay capable of handling the anticipated RF current and voltages. The relay would switch the HV / Insulated output from the coupler to either one or the other of your antennas.

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Doug, W7KF
http://www.w7kf.com

On Jul 15, 2015, at 7:15 PM, strandbiker1@yahoo.com<mailto:strandbiker1@yahoo.com> [harris-radio] <harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>> wrote:

It is my understanding that the RF 382 also has a "50 ohm" coax input to support the AT 1011 and is selected if connected and the latch above the coax connector lifted up.

2521. Re: [harris-radio] RF 382 coupler question

Yahoo group: harris-radio
Date: 2015-07-17 00:20:30 UTC
From: strandbiker1@...
Topic: 2515 Message: 2521

Hello Mike et al!!

Thank you for all the help and comments. As Mike knows well, I can not sell the system, sorry :(. He has seen the installation and is aware of the challenges. We did get the delivery of the B and W 90' multi wire dipole. I might have that installed and use it without a coupler via another coax/heliax run and a manual coax switch. Is the AT 1011 made to operate from the HV terminal on the 382? When the equipment was installed, it was connected to the 50 ohm terminal via 1/2 inch heliax. I agree with Mike that the Harris inverted "V" elements should be extended to the length where normal operation would occur. This would increase radiation efficiency at the operational frequency. Attaching both the AT 1011 and the inverted V to the same HV input of the 382, even via a antenna relay I believe would introduce operator issues as a re tune would be needed.

Skip

2522. Re: [harris-radio] RF 382 coupler question

Yahoo group: harris-radio
Date: 2015-07-17 00:56:18 UTC
From: Peter Gottlieb
Topic: 2515 Message: 2522

I think you'll get all sorts of opinions on this subject.

There will be losses in the coupler. Larger couplers (like the big Harris one that goes with the RF-110 amp) even have a blower inside. That heat comes from losses inside the coupler, power in minus power out. I would think that's mostly I^2R losses at low impedances and maybe dielectric losses at high impedances?

In any case if the antenna is close to the right impedance you might do marginally better without the coupler in line but it's probably not something you'd notice on the air. When you try to transmit into an antenna system with a very far off impedance (>4:1 perhaps) you'll end up losing so much due to the mismatch that the coupler would be a solid win to have there. So might as well just leave it there.

I've run rigs into tuned dipoles but now that I have good antenna tuners I just put up the biggest antenna that fits in my yard and let the tuner do the rest without worrying about it. Harris makes really good automatic tuners, and I especially like the RF-382.

Peter

On 7/16/2015 7:43 PM, W2HX w2hx@... [harris-radio] wrote:
>
> A few other thoughts on this (if you would indulge me). You could make an
> argument that if the N connector presents 50 ohms, and you must use a 50 ohm
> antenna, then there isn’t much need for the coupler at all. We already know
> that the output of the radio (input to the coupler) has a source impedance of
> 50 ohms. The coupler’s job is to be an impedance transformer from the radio’s
> 50 ohms to the antenna’s whatever it is at that frequency.
>
> Well the argument might turn to say, even a 50 ohm antenna isn’t exactly 50
> ohms resistive over the range of frequencies it might encounter (80 meter
> dipole being used in the range of 3.5-4MHz for example). So the coupler could
> be employed as a “line flattener” to smooth out the variations in the
> antenna’s impedance to make it exactly 50 ohms across the band when presented
> to the radio.
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> I might argue that the coupler might not be needed at all. These Harris radios
> are capable of withstanding some range of SWR (I cant recall, might even be
> 4:1 without a problem). Even at 2:1 this represents a large departure from 50
> ohms. Yes, the power transfer would be reduced. But I think even with the
> coupler in place and doing its thing, the power radiating from the antenna
> would be reduced when transforming 50 ohms to, say, 25 ohms. I may be wrong
> about all of this, but I like the academic discussion
>
> Eugene

>
> *From:*harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> *Sent:* Friday, July 17, 2015 7:32 AM
> *To:* harris-radio@yahoogroups.com
> *Subject:* RE: [harris-radio] RF 382 coupler question
>
> Doug et. al. I will defer to your knowledge here as I am traveling and I don’t
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> than what is presented to the HV connector. Meaning the HV lead is simply
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> Having said that, I concur that there is a plaque that reads 50 ohm antenna as
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> antenna too. Maybe there is some SWR (and therefore loss) benefit of matching
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> frequencies that has something wildly different than 50 ohms. Perhaps to make
> the power transfer more efficient.
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> Anyway, I am just spit balling a little bit here, but those are my thoughts.
>
> Eugene
>
> *From:*harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
> [mailto:harris-radio@yahoogroups.com]
> *Sent:* Friday, July 17, 2015 1:23 AM
> *To:* harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
> *Subject:* Re: [harris-radio] RF 382 coupler question
>
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> Doug, W7KF
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> http://www.w7kf.com
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> On Jul 15, 2015, at 7:15 PM, strandbiker1@...
> <mailto:strandbiker1@...> [harris-radio]
> <harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>> wrote:
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> It is my understanding that the RF 382 also has a "50 ohm" coax input to
> support the AT 1011 and is selected if connected and the latch above the
> coax connector lifted up.
>
>

2523. Re: [harris-radio] RF 382 coupler question

Yahoo group: harris-radio
Date: 2015-07-17 02:24:00 UTC
From: Doug Smith
Topic: 2515 Message: 2523

The intention of the 50 ohm output is, as you suggest, as a “line flattener”. The typical HF terminated / broadband antenna will exhibit SWR variations from 1:1 to 3:1. They’re usually fed with 50 ohm coax and are “nominally” 50 ohm antennas. The coupler merely turns that into a 1:1 load at all frequencies. While the transmitter may not mind running directly into a 3:1 load, it might be beneficial if the coax run to the antenna is quite long. In that scenario, the coupler might be mounted at the base of the antenna support structure (IOW, relatively near the antenna itself) so as to provide a low loss run to the transmitter which may be a few hundred feet away. The line flattener doesn’t have to be mounted in the shack.

It could well be that the N connector and the HV Insulated output are connected (via the switch) to the same point in the coupler. I do not know. I’m merely pointing out what Harris has to say about it. They specify an antenna with a less than 3:1 SWR when using the 50 ohm output.

Of course, that’s not to say you can’t connect anything you want to that N connector! It’s just that anything beyond 3:1 is a non-supported configuration; which just means you can’t complain to Harris if it doesn’t work. It could be that Harris simply didn’t test that output with an excessive SWR. Or, that the contract only specified that it had to work up to 3:1 SWR. Or, maybe there were technical reasons. Maybe they were worried about guys using RG-58 with a 10:1 SWR antenna at full power RTTY. Dunno..

I’m currently using an RF-382A as a line flattener. It’s connected to a Terminated Inverted-V that is 154’ long and the worst case SWR is 1.9 to 1. The equipment is a 500 watt Motorola Micom which doesn’t care about the SWR. I put the coupler in-line mostly because it was sitting here not being used at all. And, partly because I was interested in what it would take to interface the Micom to the RF-382A. (It took an Arduino and a few hundred lines of code.) I use this system for ALE and it totally rocks!

73,
Doug, W7KF

> On Jul 16, 2015, at 5:43 PM, W2HX w2hx@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
>
> A few other thoughts on this (if you would indulge me). You could make an argument that if the N connector presents 50 ohms, and you must use a 50 ohm antenna, then there isn’t much need for the coupler at all. We already know that the output of the radio (input to the coupler) has a source impedance of 50 ohms. The coupler’s job is to be an impedance transformer from the radio’s 50 ohms to the antenna’s whatever it is at that frequency.
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> Eugene
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>
>
>
>
> From: harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
[mailto:harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>]
> Sent: Friday, July 17, 2015 7:32 AM
> To: harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
> Subject: RE: [harris-radio] RF 382 coupler question
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> Anyway, I am just spit balling a little bit here, but those are my thoughts.
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> Eugene
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>

2524. Re: [harris-radio] RF 382 coupler question

Yahoo group: harris-radio
Date: 2015-07-17 02:24:39 UTC
From: Doug Smith
Topic: 2515 Message: 2524

Well, I can't speak to the intentions of Shakespeare but I *think* they built the AT-1011 to work under many different scenarios. Harris does sell a version of the AT-1011 and I expect they did have the RF-382A and RF-351 in mind. If you read the manual for the RF-382A you will find that Harris shows the coupler connected to whip antennas via the HV / Insulated connector.

The specifications page states:

Using E1 (HV Antenna Termination):
==========
Up to 150 watts PEP and average,
1.6 to 30 MHz: 9 to 35 ft. whips; 35 to 150 ft. long-wires; 40 to 100 ft. dipoles.

Up to 500 watts PEP, 250 watts average,
1.6 to 30 MHz: 75 to 150 ft. long wires; 40 to 100 ft. dipoles
2.5 to 30 MHz: 35 ft. whips
4 to 30 MHz: 24 ft. whips
6 to 30 MHz: 16 ft. whips

Using J3 (50 ohm antenna connector):
==========

Up to 400 watts PEP and average:
50 ohm resistive broadband and dipole (resonant fixed frequency) antennas may be connected directly to J3.

Elsewhere in the manual they specify an antenna with an SWR of less than 3:1. The AT-1011 will only give you that at one or two frequencies and will cover only a narrow range around those frequencies.

So, that's what Harris has to say about it. Every illustration that includes a whip antenna shows the coupler connected to the whip via the HV connector. I do not believe Harris ever intended that anyone directly connect any sort of whip antenna to the 50 ohm output.

On the topic of the Harris inverted V – are we talking about the non-terminated, dual dipole setup? If so, my understanding is that they built the long dipole and swept it to find the worst case SWR frequency. They then added the second dipole, resonant at THAT frequency. This had the effect of making the antenna somewhat "broadband" and easier for couplers to match them at any given frequency. IOW, the two dipole lengths are not just some random number – they were chosen to work together.

Of course, you can change the lengths to suit your frequency plan. Just pointing out the idea behind the design so you can make good choices.

If you're going to change the lengths of anything, I'd look hard at the BW-90. Unless you're operating above 15 MHz I'd seriously consider lengthening that antenna. The "rule of thumb" with terminated, folded dipoles is that they become useable above their half wave

length equivalent. But, my experience indicates they really don’t become very efficient until a full wavelength. I’m currently running a terminated inverted-V thats a bit over 150 long (terminated at each end). It’s OK for NVIS up to 400 miles or so at 3 MHz. It starts working well for CONUS at 6 or 7 MHz, works very well from 12 MHz and up. At 15 to 28 MHz it’s fantastic.

I think BW does a disservice to terminated antennas by overstating their effectiveness at low frequencies with antennas that are too short. It’s a sales thing, I guess.. With terminated antennas, longer is better.

And, FINALLY, (will there ever be an end?) as to switching the HV output between two antennas, I would be inclined to give that a try. And, here’s why. When you change frequency (more than 1%) the coupler is told about it. When you try to transmit, the coupler will then ask for tune power. When tune power is received, the coupler will measure the frequency and look it up. If the coupler has a prior configuration in memory it will load that configuration and then will TEST the SWR. If the SWR is below 1.9 : 1 then it releases the tune power request and you’re good to go. If the SWR is above 1.9 : 1 then it will initiate a re-learn sequence. The re-learn sequence takes longer than a tune from memory sequence but it will still work. As soon as the re-learn sequence finds an adequate match it will release the tune power request, write the new configuration to memory and you’re good to go. So, the downside is that your channel change might take two seconds rather than 200 milliseconds.

Think about it, this is the same exact sequence of events if you were to flip the lever and connect a 50 ohm antenna and then try to transmit. The coupler would notice the high SWR , request tune power and re-tune. No operator involvement needed, the coupler will take care of itself.

Anyway, good luck with your project! Sounds like fun..

73,
Doug, W7KF

> On Jul 16, 2015, at 6:20 PM, strandbiker1@... [harris-radio]
<harris-radio@yahoogroups.com> wrote:
>
> Hello Mike et al!!
>
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> Thank you for all the help and comments. As Mike knows well, I can not sell the system, sorry :(. He has seen the installation and is aware of the challenges. We did get the delivery of the B and W 90' multi wire dipole. I might have that installed and use it without a coupler via another coax/heliax run and a manual coax switch. Is the AT 1011 made to operate from the HV terminal on the 382? When the equipment was installed, it was connected to the 50 ohm terminal via 1/2 inch heliax. I agree with Mike that the Harris inverted "V" elements should be extended to the length where normal operation would occur. This would increase radiation efficiency at the operational frequency. Attaching both the AT 1011 and the inverted V to the same HV input of the 382, even via a antenna relay I believe would introduce operator issues as a re tune would be needed.
>
> Skip
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>

2525. Re: [harris-radio] RF 382 coupler question

Yahoo group: harris-radio
Date: 2015-07-17 02:35:58 UTC
From: prcradio@...
Topic: 2515 Message: 2525

The 382 coupler is intended to feed an AT-1011 whip from the HV connector. Inside the coupler the HV and N connectors are fed from the same source and are switched manually when a cover is lifted to expose the N connector, so there is no additional matching circuitry between the two output ports. Most 382s I've encountered do not have he N connector output.

There could be some very high voltages that would arc over the N connector if say a 1/2 wavelength of wire or other high impedance antenna was used on that port and the N connector output should only be used as a coax line flatter.
Mike

2526. RE: [harris-radio] RF 382 coupler question

Yahoo group: harris-radio
Date: 2015-07-17 03:34:57 UTC
From: W2HX
Topic: 2515 Message: 2526

> There could be some very high voltages that would arc over the N connector if say a 1/2 wavelength of wire or other high impedance antenna was used on that port and the N connector output should only be used as a coax line flatter.

Actually, Mike. I think you have hit the nail on the head. I believe this is THE reason Harris specifies a 50 ohm antenna. They want to keep SWR within a reasonable range to avoid arcing between the center conductor and shell of that N connector. This is only a guess, but it seems to me to make the most sense. Thank you for that insight!
Eugene

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, July 17, 2015 10:36 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF 382 coupler question

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Mike

2527. AT-1011 Hello continuous with difficulties in Tx RF-5022R/T(E).

Yahoo group: harris-radio
Date: 2015-07-17 04:06:13 UTC
From: mbchagasl@...
Topic: 2527 Message: 2527

Hello guys thanks very much for the tips but continuous with difficulties of Tx in RF-5022R/T(E)
did what I was told but still giving error I did the radial checked the cables and it is still not good and now,No Tx 14Mhz until 30Mhz and I need to do transmission of 3Mhz,4Mhz,5Mhz,6Mhz,7Mhz,8Mhz9Mhz,10Mhz,11Mhz12Mhz,14Mhz,21Mhz,24Mhz,25Mhz,26Mhz and one of the most important 27Mhz and 28Mhz I do not have Tx in any way in frequency Tune Fault and because the radio does not show the power and the Watt (Power ---- / Watt ----- .1 TUNE COMPLETE)
only shows trace and releases the transmission this is normal?

Thank you very much good night for all,73.

Best regards,

Bruno Schagas.EB18BC.

See the photos:
Look the photos and will understand.
https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/676519785
https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/676519785

harris-radio https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/676519785

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/676519785

harris-radio https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/676519785
Welcome to the Harris Radio User Group Anything Harris Alpha 2000 (UHF / VHF) Military And Other Harris Equipment please Keep All Messages Civil Thank...

View on groups.yahoo.com
https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/676519785
Preview by Yahoo

2528. Re: AT-1011 Hello continuous with difficulties in Tx RF-5022R/T(E).

Yahoo group: harris-radio
Date: 2015-07-17 12:15:34 UTC
From: prcradio@...
Topic: 2527 Message: 2528

I wound remove the 382 coupler and cable then do the VSWR test on the same frequencies into a 50 ohm load. Also try running full power CW for a good 10 seconds on the same frequencies into a load and see if you still get faults.

It could be the 382 coupler is bad and that would be better than finding out the 400w PA is bad. I don't think the BITE test in the radio gives you a complete test of the 382 coupler but you can take the cover off the tuner and perform a much better test using some switches and watching LED lights. That test procedure is mentioned in one of the 382 manuals.

The 382 coupler with AT-1011 whip and ground radials is a great antenna but not for the higher bands above maybe 18MHz. Above that there are lobes that go up in the air and not at the horizon where you need it. For the 26 to 30MHz range you can just use 3 or 4 elements on the AT-1011 and it will work much better.

Mike

2529. Re: [harris-radio] RF 382 coupler question

Yahoo group: harris-radio
Date: 2015-07-17 17:37:04 UTC
From: Doug Smith
Topic: 2515 Message: 2529

Yes, that makes sense. The N Connector is rated at something like 1000 V and 5 Amps. So, depending upon the load and the power level, either spec could be exceeded.

For example, a 32 ft. whip at 1.8 MHz would present something like 5 ohms -J500. At 500 watts that equates to about 10 AMPS of RF flowing through that N connector. Twice the specified maximum.

Of course, the coupler isn't rated for 500 watts into a 32 ft. whip at 1.8 MHz but you know someone is going to do it!

Also, in that scenario, the losses in the coupler would be staggering. Matching a 5 ohm -j500 load with a medium-Q L-Network such as the RF-382A would result in about 200 watts of loss in the inductor. That would reduce the current flowing through the N connector but would most assuredly heat up the coupler itself! This is why the RF-382A specs show lower power ratings for short antennas at low frequencies.

Regarding the N connector, it's also interesting to note that the connector current rating is exceeded when running 1500 watts into a perfect 50 ohm +J0 load (5.5 amps). Toss in a 2 : 1 SWR where the load is 25 ohms -J0 and we're way beyond spec.

I do use N connectors and I do run them at 1500 watts with SWR sometimes as high as 2:1 and have yet to experience a failure. But…….

73,
Doug, W7KF

> On Jul 16, 2015, at 9:34 PM, W2HX w2hx@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
>
> > There could be some very high voltages that would arc over the N connector if say a 1/2 wavelength of wire or other high impedance antenna was used on that port and the N connector output should only be used as a coax line flatter.
>
>
>
> Actually, Mike. I think you have hit the nail on the head. I believe this is THE reason Harris specifies a 50 ohm antenna. They want to keep SWR within a reasonable range to avoid arcing between the center conductor and shell of that N connector. This is only a guess, but it seems to me to make the most sense. Thank you for that insight!
>
> Eugene
>

2530. RE: [harris-radio] RF 382 coupler question

Yahoo group: harris-radio
Date: 2015-07-17 19:09:59 UTC
From: Dr Fred Hambrecht
Topic: 2515 Message: 2530

All those specs are for commercial continuous service. In intermittent amateur service we can and do run full power through these connectors without much concern.

v/r

Fred W4JLE

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, July 17, 2015 13:37
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF 382 coupler question

Yes, that makes sense. The N Connector is rated at something like 1000 V and 5 Amps. So, depending upon the load and the power level, either spec could be exceeded.

For example, a 32 ft. whip at 1.8 MHz would present something like 5 ohms -J500. At 500 watts that equates to about 10 AMPS of RF flowing through that N connector. Twice the specified maximum.

Of course, the coupler isn't rated for 500 watts into a 32 ft. whip at 1.8 MHz but you know someone is going to do it!

Also, in that scenario, the losses in the coupler would be staggering. Matching a 5 ohm -j500 load with a medium-Q L-Network such as the RF-382A would result in about 200 watts of loss in the inductor. That would reduce the current flowing through the N connector but would most assuredly heat up the coupler itself! This is why the RF-382A specs show lower power ratings for short antennas at low frequencies.

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73,

Doug, W7KF

On Jul 16, 2015, at 9:34 PM, W2HX w2hx@w2hx.com <mailto:w2hx@...> [harris-radio] <harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com> > wrote:

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Actually, Mike. I think you have hit the nail on the head. I believe this is THE reason Harris specifies a 50 ohm antenna. They want to keep SWR within a reasonable range to avoid

arcing between the center conductor and shell of that N connector. This is only a guess, but it seems to me to make the most sense. Thank you for that insight!

Eugene

2531. Re: [harris-radio] RF 382 coupler question

Yahoo group: harris-radio
Date: 2015-07-17 19:27:13 UTC
From: Peter Gottlieb
Topic: 2515 Message: 2531

If moisture gets in, those kinds of voltage will lead to degradation and premature failure, even in amateur service, and always at the worst possible time.

It is possible that an otherwise tunable antenna may become an untunable impedance when placed at the end of a length of 50 ohm coax.

Peter

> On Jul 17, 2015, at 3:09 PM, 'Dr Fred Hambrecht' w4jle@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> All those specs are for commercial continuous service. In intermittent amateur service we can and do run full power through these connectors without much concern.
>
>
>
>
> v/r
>
> Fred W4JLE
>
>
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> Sent: Friday, July 17, 2015 13:37
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] RF 382 coupler question
>
>
>
>
>
> Yes, that makes sense. The N Connector is rated at something like 1000 V and 5 Amps. So, depending upon the load and the power level, either spec could be exceeded.
>
>
>
> For example, a 32 ft. whip at 1.8 MHz would present something like 5 ohms -J500. At 500 watts that equates to about 10 AMPS of RF flowing through that N connector. Twice the specified maximum.
>
>
>
> Of course, the coupler isn’t rated for 500 watts into a 32 ft. whip at 1.8 MHz but you know someone is going to do it!
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>
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>
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> I do use N connectors and I do run them at 1500 watts with SWR sometimes as high as 2:1 and have yet to experience a failure. But…….
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> 73,
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>
> Eugene
>
>

>
>
>

2532. Re: [harris-radio] RF 382 coupler question

Yahoo group: harris-radio
Date: 2015-07-17 21:19:10 UTC
From: strandbiker1@...
Topic: 2515 Message: 2532

Mike:

The inverted V antenna I believe is a Harris RF 1950 AT001. It has wires connected to each of the two legs a few feet down from the top and these fed the the HV input of the 382. I agree with you that maybe the antenna would work better if the legs were extended to what would be needed for a half wavelength at 40 meters as the main frequencies are in 40 meters and a non amateur frequency just above 40 meters. My question would be I would like to measure the antenna without the coupler. Would I be able to handle the wires as if they were a 300 ohm impedance t and connect them to an antenna tuner such as a VCI VC 300DLP in bypass mode and then use an antenna analyzer connected to the 50 ohm output? Or. merely measure each leg and then extend using the tried and true 468/MHz formula to get me in the ball park?

Skip

2533. Re: AT-1011 Hello continuous with difficulties in Tx RF-5022R/T(E).

Yahoo group: harris-radio
Date: 2015-07-17 22:39:31 UTC
From: mbchagasl@...
Topic: 2527 Message: 2533

Hello Prcradio ok thanks I'll check.

Thanks good night.

Best regards,

Bruno Schagas.

2534. Re: AT-1011 Hello continuous with difficulties in Tx RF-5022R/T(E).

Yahoo group: harris-radio
Date: 2015-07-19 18:09:00 UTC
From: steve@...
Topic: 2527 Message: 2534

A couple of things. First, you shouldn't have the coupler covered with a plastic bag. It is waterproof and depends on the case for cooling. If it is a full sun, you might need a shield which can be a flat plate of metal or wood a couple of inches above the top of the coupler for air flow. Also the high voltage lead shouldn't lay along the base like it shows in the photo. It is very high voltage cable but with certain antenna impedance it can arc which will cause a tune fault. It mostly happens at low frequency with short antennas.
The RF-5034PA-400 has a "self healing" harmonic filter assembly. Since it is a low pass filter, if a section fails, it switches in either the next highest or the last filter, I can't remember which. If your filter has more than one failure you may not get output over a large range. As Mike suggested, disconnect the coupler and cable and test for output over the range of frequencies you are having trouble with.
Good luck,
Steve KD2OM

2535. Re: AT-1011 Hello continuous with difficulties in Tx RF-5022R/T(E).

Yahoo group: harris-radio
Date: 2015-07-20 01:05:16 UTC
From: mbchagasl@...
Topic: 2527 Message: 2535

Hello good night Steve all ok,now is I always use radial in antenna with 3-4-5 and 8 sections and 8 radial 4 of 32Ft and 4 of 36Ft or should I change the measure and the amount of radial?

Now how to perform these tests(As Mike suggested,disconnect the coupler and cable and test for output over the range of frequencies you are having trouble with.
Good luck,) disconnect the coupler and I plug in a direct antenna on the amplifier and which antenna is indicated or is it to do of other way,I did not quite understand or is it to just unplug the power cable of coupler?

I am now using sections 6 and 8 radial 4 of 32ft and 4 of 36ft in 28.0050Mhz Watt 173 and SWR 1.1
but error in Tune Fault and 27Mhz 111watt swr 1.8 always tune fault,always tune fault at frequencies that shows the Watt and SWR only releases the Tx when shows traces Watt ---- SWR ---- Tune Completed free Tx in 7Mhz 3Mhz in low frequency.

Thank you very much 73.

Best Regards,

Bruno Schagas/EB18BC/bruno_chagas_leite@hotmail.com

2536. Re: AT-1011 Hello continuous with difficulties in Tx RF-5022R/T(E).

Yahoo group: harris-radio
Date: 2015-07-20 11:07:38 UTC
From: prcradio@...
Topic: 2527 Message: 2536

My suggestion of disconnecting the coupler RF and control cable is for connecting a 50 ohm load to the amplifier to see how it works into a perfect load with no coupler in the circuit. If the amplifier has problems like bad low pass filter sections they should show up into a load. This will help isolate the problem to the coupler or amplifier.

In my experience the coupler will probably tune any frequency with a 32ft whip with no radials and the radials are used to improve antenna efficiency and help keep RF off the coax and control line.
Mike

2537. Re: AT-1011 Hello continuous with difficulties in Tx RF-5022R/T(E).

Yahoo group: harris-radio
Date: 2015-07-21 00:17:11 UTC
From: steve@...
Topic: 2527 Message: 2537

Bruno,
You are partially correct, disconnect the Coupler control cable from the PA. Also disconnect the RF cable from the PA and connect a 50 ohm 500 watt dummy load and watt meter in its place. You must not have the antenna and coupler in the circuit. After you disconnect the coupler cable be sure to turn the radio off and back on otherwise it will believe a coupler is attached. The same is true when you re connect the coupler, the power must be cycled.
As to the length of the whip antenna. if you want to use the system on 27 MHz for instance, 8ft which is 2 sections should be a good antenna. It is about 1/4 wave which will give a reasonable pattern. If you use 4 sections, it will be 16 feet which is about 1/2 wave. When working properly the coupler will tune either of these antennas. As long as you have at least 4 radials 30 feet or so, it should tune well.
If on 28 MHz you are showing 173 watts at a VSWR of 1.1, there is a problem somewhere. You should get around 450 watts with that VSWR.
Are you sure the coupler is actually tuning? If someone selects retune from the front panel, do you hear the relays clicking inside the coupler? Is the cable a factory cable or is it locally built? These couplers can be configured for both the RF-5000 system and the RF-350 system. Be sure it is set for the RF-5000. There is a plate with the settings on cable connector.

Steve

2538. Re: AT-1011 Hello continuous with difficulties in Tx RF-5022R/T(E).

Yahoo group: harris-radio
Date: 2015-07-21 07:07:16 UTC
From: mbchagasl@...
Topic: 2527 Message: 2538

Hello Steve thank you very much thanks,I will check and call a technician with RF test equipment.

Thanks good night.

Best regards,

Bruno Schagas.

2539. Re: [harris-radio] RF-5833 150W amp?

Yahoo group: harris-radio
Date: 2015-07-22 01:39:46 UTC
From: Jim Karlow
Topic: 2502 Message: 2539

Hello Roger:
I have a further question for you regarding PRC-138 compatibility. I have an RT1694B (P)/U manufactured in 2001.
Would it be compatible with an RF-5833H-PA004 with f/w 8630M (from version test).?
Let me know.
Thanks,
Jim KA8TUR
From: "'Roger Waldmiller' waldrgr@rochester.rr.com [harris-radio]"
<harris-radio@yahoogroups.com>
To: harris-radio@yahoogroups.com
Sent: Thursday, July 9, 2015 8:11 PM
Subject: RE: [harris-radio] RF-5833 150W amp?

Hi Eugene; The list you gave is a V1 with f/w 10372-8926DDefinitely a V1 with the latest f/w for a V1. It will work with a 5033 150 wPA with f/w 10497-8132-.It may be easier to reprogram the 5833 to lower f/w than to convert the 138 v1 to a v2 . It might depend on the controller nd and how you do the reprogramming. The v1 138 bds are not compatible with the v2 f/w especially the A4 bd and the A3 bd and the A10 bd. I have matrix's and f/w s and bd numbers V2 f/w is in the 10530-89xx series. What is the f/w in the 5833??? Have you tried to connect the V1 to the 5833 and do a version test? You should see it next after the A10 display version. Should come up ad 8630x? x= being lots of rev's from (-)thru to (K) Roger Roger wwaldrgr@...4alphapapa(harris-yahoo ID) 3200 ,2000,3230, 5000, 138, 3201Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, July 09, 2015 6:18 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RF-5833 150W amp? Rich, I haven't looked up what these modules actually are and what they do (although I do have the manual). Any thoughts on whether these revisions are good, bad or indifferent? Has anyone assembled a list of modules and versions/dates? 01A=8212B03A=8251A03B=8271B04A=8314C04B=8342B04C=8362A04D=8432C04E=8390E04F=8410B10=8462AAll others= ------ 73 Eugene W2HX From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, July 09, 2015 6:05 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RF-5833 150W amp? If you do a test to show version, i will check my v2 for you to see if you have updated that far. I dont know the revison internal numbers though.
Rich Johnson
KI6EZATo: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Thu, 9 Jul 2015 14:59:07 -0700
Subject: RE: [harris-radio] RF-5833 150W amp?

Thanks, Rich. Do you know what firmware revisions on what modules I need to have to make it work (on a V1)? Albeit with a failing bite? 73 Eugene W2HX From:

harris-radio@yahoogroups.com [mailto:ha! rris-radio@yahoogroups.com]
Sent: Thursday, July 09, 2015 5:55 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RF-5833 150W amp? The 5833 will not work with a A or V1 prc138. Unless it happend to have its firmware updated. Which a few did.
A V2 or B model will work but will not pass a bite test.
Rich Johnson
kI6EZATo: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Thu, 9 Jul 2015 14:27:44 -0700
Subject:! ; [harris-radio] RF-5833 150W amp?

Does anyone know with any certainty if this can be used with a PRC-138 (v1)? 73 Eugene W2HX

| | This email is free from viruses and malware because avast! Antivirus protection is active. |

2540. Re: AT-1011 Hello continuous with difficulties in Tx RF-5022R/T(E) Continuation.

Yahoo group: harris-radio
Date: 2015-07-22 02:41:47 UTC
From: mbchagasl@...
Topic: 2527 Message: 2540

Video youtube.

Dipole antenna 27Mhz + P.A 400W RF-5034 + RF-5022(E) = Tx 27Mhz.

Dipole antenna 270750Mhz + P.A 400W RF-5034 + RF-5022(E) = Tx 270750Mhz AM/Power ---- / SWR ---- ?

Dipole antenna 27Mhz + Couple RF-382A + P.A ... + RF-5022(E) = No Tx 27Mhz Tune Fault.

AT-1011 antenna 27Mhz + Couple RF-382A + P.A ... + RF-5022(E) = No Tx 27Mhz Tune Fault/Low Power and High SWR.

Thanks.

Harris Test dipole antenna for 11 meters 27Mhz
https://www.youtube.com/watch?v=TY_DZic40-o&feature=youtu.be

https://www.youtube.com/watch?v=TY_DZic40-o&feature=youtu.be

Harris Test dipole antenna for 11 meters 27Mhz
https://www.youtube.com/watch?v=TY_DZic40-o&feature=youtu.be The radio RF-5022 with the RF-5034 using a dipole antenna had Tx in 27Mhz,already with the AT-1011 antenna connected in coupler or a dipole antenna connected...

View on www.youtube.com https://www.youtube.com/watch?v=TY_DZic40-o&feature=youtu.be
Preview by Yahoo

2541. RF-5034P.A 400E Help A3 CONTROL/INTERFACE PWB

Yahoo group: harris-radio
Date: 2015-07-22 06:40:56 UTC
From: mbchagasl@...
Topic: 2541 Message: 2541

Hello good night does anyone know the names of all circuit diodes A3 CONTROL/INTERFACE PWB and A4
MICROCONTROLLER PWB,I have the service manual (RF-5034-PA-400E POWER AMPLIFIER Intermediate Maint) but does not have the list of names and codes of the Components commercial,someone had the names or a PDF that has the complete list of diodes, resistors, capacitors and other elements,I have to exchange some components,nearly half of the diodes of A3 and A4 plates are damaged It is releasing current in the two poles of the diodes.
Thanks guys who is helping me,thank you very much the all.
Prcradio,Steve,Doug,Marcus,Richard,W2HX,Dr Fred,Paul,Frazava,Emer e other thanks.

bruno_chagas_leite@hotmail.com

Thanks,73.

Best regards,

Bruno Schagas.

2542. EIMAC 4CX1500B question

Yahoo group: harris-radio
Date: 2015-07-22 09:27:30 UTC
From: argus@...
Topic: 2449 Message: 2542

Hello:

In COLLINS and HARRIS PA;s: what is the drop-out service on the final 4CX1500B tubes after a number of hours in the socket? I have two drop-outs and one NOS that I plan to sell or swap together with my RF 1310.

73s de Hans SM5KI

2543. RE: [harris-radio] RF-5034P.A 400E Help A3 CONTROL/INTERFACE PWB

Yahoo group: harris-radio
Date: 2015-07-22 15:50:39 UTC
From: Roger Waldmiller
Topic: 2541 Message: 2543

Hello ;

A3 diodes CR101,102 ARE 1N5298 DIODE 1.10MA CURRENT REG.

CR103,4,5,6,7,8, ARE 1N4454 DIODE 200MA 75 V SWITCHING

These are for a A3 BD rev C

A4 DIODES CR-201,2,3,4,5,6,7,8,9,10,11,12,13 ARE 1N4454 DIODE 200MA 75 V SWITCHING

These are for a A4 BD rev A

Regards

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, July 22, 2015 2:41 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5034P.A 400E Help A3 CONTROL/INTERFACE PWB

Hello good night does anyone know the names of all circuit diodes A3 CONTROL/INTERFACE PWB and A4
MICROCONTROLLER PWB,I have the service manual (RF-5034-PA-400E POWER AMPLIFIER Intermediate Maint) but does not have the list of names and codes of the Components commercial,someone had the names or a PDF that has the complete list of diodes, resistors, capacitors and other elements,I have to exchange some components,nearly half of the diodes of A3 and A4 plates are damaged It is releasing current in the two poles of the diodes.
Thanks guys who is helping me,thank you very much the all.
Prcradio,Steve,Doug,Marcus,Richard,W2HX,Dr Fred,Paul,Frazava,Emer e other thanks.

bruno_chagas_leite@...

Thanks,73.

Best regards,

Bruno Schagas.

This email is free from viruses and malware because avast! Antivirus protection is active.
https://www.avast.com/antivirus

2544. RE: [harris-radio] RF-5022 Programming Cable and ALE card

Yahoo group: harris-radio
Date: 2015-07-22 20:18:44 UTC
From: Roger Waldmiller
Topic: 2514 Message: 2544

Hello;
There are 2 cables for connecting a PC to the 5022/5022E J5
10181-9867 is a RS-232 cable db 25 conn primarily to send /rx data to and
from the r/t modem.
10181-9868 is a Asynchronous Remote Control Cable….. connect to PC DB9
conn… talks to 5022 to control and program parameters. Will also program f/w
in a E radio if you have the shell and f/w data… You can also setup chan
freq, program ALE same as you would manually from the Key pad only longer.
The manual mode via the keypad and the PGM button for the channesl and ale
is much faster.

Any way you will probably have to make the cable , To mate with the J5 conn
on the R/T the connector is MS3116J16-26P

Regards

Roger w
waldrgr@...
k4alphapapa(harris-yahoo ID)
3200 ,2000,3230,
5000, 138, 3201
Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, July 13, 2015 5:02 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5022 Programming Cable and ALE card

Hi,

does anyone know where I could get a programming cable for the RF-5022 or
the ALE card?

Thanks,

73s

Marcus
KI6SYM

This email is free from viruses and malware because avast! Antivirus protection is active.
https://www.avast.com/antivirus

[Non-text portions of this message have been removed]

2545. RE: [harris-radio] RF-5034P.A 400E Help A3 CONTROL/INTERFACE PWB

Yahoo group: harris-radio
Date: 2015-07-22 22:01:57 UTC
From: Bruno Schagas
Topic: 2541 Message: 2545

Hello Roger thank you very much by help me,these are all the diodes of the A3 and A4 later I will send some pictures of the A3 and A4 marked damaged diodes ok.

Thanks good night.

Best reards,

Bruno Schagas.

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Wed, 22 Jul 2015 11:50:39 -0400
Subject: RE: [harris-radio] RF-5034P.A 400E Help A3 CONTROL/INTERFACE PWB

Hello ; A3 diodes CR101,102 ARE 1N5298 DIODE 1.10MA CURRENT REG. CR103,4,5,6,7,8, ARE 1N4454 DIODE 200MA 75 V SWITCHINGThese are for a A3 BD rev C A4 DIODES CR-201,2,3,4,5,6,7,8,9,10,11,12,13 ARE 1N4454 DIODE 200MA 75 V SWITCHINGThese are for a A4 BD rev A Regards Roger wwaldrgr@...4alphapapa(harris-yahoo ID) 3200 ,2000,3230, 5000, 138, 3201Rochester NY USA From: harris-radio@yahoogroups.com
[mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, July 22, 2015 2:41 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5034P.A 400E Help A3 CONTROL/INTERFACE PWB Hello good night does anyone know the names of all circuit diodes A3 CONTROL/INTERFACE PWB and A4 MICROCONTROLLER PWB,I have the service manual (RF-5034-PA-400E POWER AMPLIFIER Intermediate Maint) but does not have the list of names and codes of the Components commercial,someone had the names or a PDF that has the complete list of diodes, resistors, capacitors and other elements,I have to exchange some components,nearly half of the diodes of A3 and A4 plates are damaged It is releasing current in the two poles of the diodes. Thanks guys who is helping me,thank you very much the all.
Prcradio,Steve,Doug,Marcus,Richard,W2HX,Dr Fred,Paul,Frazava,Emer e other thanks.

bruno_chagas_leite@...

Thanks,73.

Best regards,

Bruno Schagas.

This email is free from viruses and malware because avast! Antivirus protection is active.

2546. RE: [harris-radio] RF-5034P.A 400E Help A3 CONTROL/INTERFACE PWB

Yahoo group: harris-radio
Date: 2015-07-22 23:19:21 UTC
From: Bruno Schagas
Topic: 2541 Message: 2546

A3 and A4 damaged diodes of 1 to 10.

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Wed, 22 Jul 2015 11:50:39 -0400
Subject: RE: [harris-radio] RF-5034P.A 400E Help A3 CONTROL/INTERFACE PWB

Hello ; A3 diodes CR101,102 ARE 1N5298 DIODE 1.10MA CURRENT REG. CR103,4,5,6,7,8, ARE 1N4454 DIODE 200MA 75 V SWITCHINGThese are for a A3 BD rev C A4 DIODES CR-201,2,3,4,5,6,7,8,9,10,11,12,13 ARE 1N4454 DIODE 200MA 75 V SWITCHINGThese are for a A4 BD rev A Regards Roger wwaldrgr@....comk4alphapapa(harris-yahoo ID) 3200 ,2000,3230, 5000, 138, 3201Rochester NY USA From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, July 22, 2015 2:41 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5034P.A 400E Help A3 CONTROL/INTERFACE PWB Hello good night does anyone know the names of all circuit diodes A3 CONTROL/INTERFACE PWB and A4 MICROCONTROLLER PWB,I have the service manual (RF-5034-PA-400E POWER AMPLIFIER Intermediate Maint) but does not have the list of names and codes of the Components commercial,someone had the names or a PDF that has the complete list of diodes, resistors, capacitors and other elements,I have to exchange some components,nearly half of the diodes of A3 and A4 plates are damaged It is releasing current in the two poles of the diodes. Thanks guys who is helping me,thank you very much the all.
Prcradio,Steve,Doug,Marcus,Richard,W2HX,Dr Fred,Paul,Frazava,Emer e other thanks.

bruno_chagas_leite@...

Thanks,73.

Best regards,

Bruno Schagas.

This email is free from viruses and malware because avast! Antivirus protection is active.

[Non-text portions of this message have been removed]

2547. 120-43 Antenna Base.

Yahoo group: harris-radio
Date: 2015-07-23 03:30:15 UTC
From: mbchagasl@...
Topic: 2547 Message: 2547

Hi good night,which is the best wire to use to connect the base 120-42 of antenna AT-1011 to the coupler 382A thread 16 AWG,18 AWG,19 AWG or other AWG,I can also use a RG 213 MIL C-17?

Thanks 73.

Bruno Schagas.

http://www.w7kf.com/Images/AT1011Tripod/SugarScoop1.JPG
http://www.w7kf.com/Images/AT1011Tripod/SugarScoop1.JPG

2548. Re: [harris-radio] 120-43 Antenna Base.

Yahoo group: harris-radio
Date: 2015-07-23 05:19:46 UTC
From: Doug Smith
Topic: 2547 Message: 2548

Heavy gauge, insulated wire would be best. I use 6 AWG for permanent installations. Silver plated, Teflon insulated. At low frequencies (2 - 4 MHz) at 400 or 500 watts you'll be passing lots of current between the coupler and the antenna. At higher frequencies, especially where the antenna is 1/2 or full wavelength the voltage will be quite high so quality insulation is a requirement.

Keep the wire as short as possible and keep it away from anything else, especially metal objects and ground. Coax center conductor material would be acceptable if you remove the outer jacket and the braided shield.

73,
Doug, W7KF

> On Jul 22, 2015, at 9:30 PM, mbchagasl@....br [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Hi good night,which is the best wire to use to connect the base 120-42 of antenna AT-1011 to the coupler 382A thread 16 AWG,18 AWG,19 AWG or other AWG,I can also use a RG 213 MIL C-17?
>
> Thanks 73.
>
> Bruno Schagas.
>
> http://www.w7kf.com/Images/AT1011Tripod/SugarScoop1.JPG
>
>
>
>
>

2549. RE: [harris-radio] 120-43 Antenna Base.

Yahoo group: harris-radio
Date: 2015-07-23 05:39:11 UTC
From: Dr Fred Hambrecht
Topic: 2547 Message: 2549

The wire must be of sufficient size to handle the current. That being said, the resistance portion may be very low on a short antenna and knowing that power is equal to I^2R the current may be higher than you might calculate at 50 Ohms.

Knowing you are running 400 watts, I would recommend at least a #10 AWG. You can accomplish this by paralleling lengths of whatever you have to get the required circular mils. I am assuming you are doing a short run between the tuner and the antenna. A good ground between the tuner case and the radials is also required. Remember that the wire size is effectively reduced as the frequency increases do to skin effect. As you have indicated you plan to operate on the higher end of the HF spectrum I selected a #10 wire.

v/r

Fred W4JLE

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, July 22, 2015 23:30
To: harris-radio@yahoogroups.com
Subject: [harris-radio] 120-43 Antenna Base.

Hi good night,which is the best wire to use to connect the base 120-42 of antenna AT-1011 to the coupler 382A thread 16 AWG,18 AWG,19 AWG or other AWG,I can also use a RG 213 MIL C-17?

Thanks 73.

Bruno Schagas.

http://www.w7kf.com/Images/AT1011Tripod/SugarScoop1.JPG

2550. Re: 120-43 Antenna Base.

Yahoo group: harris-radio
Date: 2015-07-23 10:49:12 UTC
From: prcradio@...
Topic: 2547 Message: 2550

Most of the AT-1011 sections have the center conductor and insulation of RG-213 inside as the radiating element and that's about 13AWG wire. If you need good HV insulation on the wire from the 382 to the antenna base you can strip the jacket and shield from some RG-213 or similar coax and use that.

Remember the wire between the tuner and AT-1011 is part of the antenna and radiates so do not use shielded coax to make the connection.

Mike

2551. RE: [harris-radio] 120-43 Antenna Base.

Yahoo group: harris-radio
Date: 2015-07-23 16:56:26 UTC
From: Bruno Schagas
Topic: 2547 Message: 2551

Hi Fred ok thanks,I will do this.

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Thu, 23 Jul 2015 01:39:11 -0400
Subject: RE: [harris-radio] 120-43 Antenna Base.

The wire must be of sufficient size to handle the current. That being said, the resistance portion may be very low on a short antenna and knowing that power is equal to I^2R the current may be higher than you might calculate at 50 Ohms.Knowing you are running 400 watts, I would recommend at least a #10 AWG. You can accomplish this by paralleling lengths of whatever you have to get the required circular mils. I am assuming you are doing a short run between the tuner and the antenna. A good ground between the tuner case and the radials is also required. Remember that the wire size is effectively reduced as the frequency increases do to skin effect. As you have indicated you plan to operate on the higher end of the HF spectrum I selected a #10 wire. v/rFred W4JLE From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, July 22, 2015 23:30
To: harris-radio@yahoogroups.com
Subject: [harris-radio] 120-43 Antenna Base. Hi good night,which is the best wire to use to connect the base 120-42 of antenna AT-1011 to the coupler 382A thread 16 AWG,18 AWG,19 AWG or other AWG,I can also use a RG 213 MIL C-17?

Thanks 73.

Bruno Schagas.

http://www.w7kf.com/Images/AT1011Tripod/SugarScoop1.JPG

2552. RE: [harris-radio] 120-43 Antenna Base.

Yahoo group: harris-radio
Date: 2015-07-23 17:00:49 UTC
From: Bruno Schagas
Topic: 2547 Message: 2552

Hi ok Doug thanks perfect thanks.

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Wed, 22 Jul 2015 23:19:46 -0600
Subject: Re: [harris-radio] 120-43 Antenna Base.

Heavy gauge, insulated wire would be best. I use 6 AWG for permanent installations. Silver plated, Teflon insulated. At low frequencies (2 - 4 MHz) at 400 or 500 watts you'll be passing lots of current between the coupler and the antenna. At higher frequencies, especially where the antenna is 1/2 or full wavelength the voltage will be quite high so quality insulation is a requirement.
Keep the wire as short as possible and keep it away from anything else, especially metal objects and ground. Coax center conductor material would be acceptable if you remove the outer jacket and the braided shield.

73,Doug, W7KF

On Jul 22, 2015, at 9:30 PM, mbchagasl@... [harris-radio] <harris-radio@yahoogroups.com> wrote:

Hi good night,which is the best wire to use to connect the base 120-42 of antenna AT-1011 to the coupler 382A thread 16 AWG,18 AWG,19 AWG or other AWG,I can also use a RG 213 MIL C-17?

Thanks 73.

Bruno Schagas.

http://www.w7kf.com/Images/AT1011Tripod/SugarScoop1.JPG

2553. RE: [harris-radio] RF-5034P.A 400E Help A3 CONTROL/INTERFACE PWB

Yahoo group: harris-radio
Date: 2015-07-23 23:09:56 UTC
From: Roger Waldmiller
Topic: 2541 Message: 2553

Hi Bruno:
Attached are the A3, A4 Parts list and the component side showing the designation of the components

This should help in ID the components.
Regards

Roger w
waldrgr@...
k4alphapapa(harris-yahoo ID)
3200 ,2000,3230,
5000, 138, 3201
Rochester NY USA

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, July 22, 2015 7:19 PM
To: harris-radio@yahoogroups.com; Roger harris ajuda
Subject: RE: [harris-radio] RF-5034P.A 400E Help A3 CONTROL/INTERFACE PWB

A3 and A4 damaged diodes of 1 to 10.

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Wed, 22 Jul 2015 11:50:39 -0400
Subject: RE: [harris-radio] RF-5034P.A 400E Help A3 CONTROL/INTERFACE PWB

Hello ; A3 diodes CR101,102 ARE 1N5298 DIODE 1.10MA CURRENT REG. CR103,4,5,6,7,8, ARE 1N4454 DIODE 200MA 75 V SWITCHINGThese are for a A3 BD rev C A4 DIODES CR-201,2,3,4,5,6,7,8,9,10,11,12,13 ARE 1N4454 DIODE 200MA 75 V SWITCHINGThese are for a A4 BD rev A Regards Roger wwaldrgr@...4alphapapa(harris-yahoo ID) 3200 ,2000,3230, 5000, 138, 3201Rochester NY USA From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, July 22, 2015 2:41 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5034P.A 400E Help A3 CONTROL/INTERFACE PWB
Hello good night does anyone know the names of all circuit diodes A3 CONTROL/INTERFACE PWB and A4 MICROCONTROLLER PWB,I have the service manual (RF-5034-PA-400E POWER AMPLIFIER Intermediate Maint) but does not have the list of names and codes of the Components commercial,someone had the names or a PDF that has the complete list of diodes, resistors, capacitors and other elements,I have to exchange some components,nearly half of the diodes of A3 and A4 plates are damaged It is releasing current in the two poles of the diodes.

Thanks guys who is helping me,thank you very much the all.
Prcradio,Steve,Doug,Marcus,Richard,W2HX,Dr Fred,Paul,Frazava,Emer e other
thanks.

bruno_chagas_leite@...

Thanks,73.

Best regards,

Bruno Schagas.

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https://www.avast.com/antivirus

[Non-text portions of this message have been removed]

2554. RE: [harris-radio] RF-5034P.A 400E Help A3 CONTROL/INTERFACE PWB

Yahoo group: harris-radio
Date: 2015-07-24 00:14:06 UTC
From: Bruno Schagas
Topic: 2541 Message: 2554

Hi Roger thank you very much thanks good night.

Best regards,

Bruno.

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Thu, 23 Jul 2015 19:09:56 -0400
Subject: RE: [harris-radio] RF-5034P.A 400E Help A3 CONTROL/INTERFACE PWB

Hi Bruno:

Attached are the A3, A4 Parts list and the component side showing the

designation of the components

This should help in ID the components.

Regards

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

-----Original Message-----

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]

Sent: Wednesday, July 22, 2015 7:19 PM

To: harris-radio@yahoogroups.com; Roger harris ajuda

Subject: RE: [harris-radio] RF-5034P.A 400E Help A3 CONTROL/INTERFACE PWB

A3 and A4 damaged diodes of 1 to 10.

To: harris-radio@yahoogroups.com

From: harris-radio@...m

Date: Wed, 22 Jul 2015 11:50:39 -0400

Subject: RE: [harris-radio] RF-5034P.A 400E Help A3 CONTROL/INTERFACE PWB

Hello ; A3 diodes CR101,102 ARE 1N5298 DIODE 1.10MA CURRENT REG.

CR103,4,5,6,7,8, ARE 1N4454 DIODE 200MA 75 V SWITCHINGThese are for a A3 BD

rev C A4 DIODES CR-201,2,3,4,5,6,7,8,9,10,11,12,13 ARE 1N4454 DIODE

200MA 75 V SWITCHINGThese are for a A4 BD rev A Regards Roger

wwaldrgr@...4alphapapa(harris-yahoo ID) 3200 ,2000,3230, 5000,

138, 3201Rochester NY USA From: harris-radio@yahoogroups.com

[mailto:harris-radio@yahoogroups.com]

Sent: Wednesday, July 22, 2015 2:41 AM

To: harris-radio@yahoogroups.com

Subject: [harris-radio] RF-5034P.A 400E Help A3 CONTROL/INTERFACE PWB

Hello good night does anyone know the names of all circuit diodes A3

CONTROL/INTERFACE PWB and A4

MICROCONTROLLER PWB,I have the service manual (RF-5034-PA-400E POWER

AMPLIFIER Intermediate Maint) but does not have the list of names and codes

of the Components commercial,someone had the names or a PDF that has the

complete list of diodes, resistors, capacitors and other elements,I have to

exchange some components,nearly half of the diodes of A3 and A4 plates are

damaged It is releasing current in the two poles of the diodes.

Thanks guys who is helping me,thank you very much the all.

Prcradio,Steve,Doug,Marcus,Richard,W2HX,Dr Fred,Paul,Frazava,Emer e other

thanks.

bruno_chagas_leite@...

Thanks,73.

Best regards,

Bruno Schagas.

This email is free from viruses and malware

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[Non-text portions of this message have been removed]

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Are you with an ISP that gives you a dynamic IP?

Do you need a domain name and don't want to pay a lot for it?

Does your IP change every day or even every hour? and you need a way to get

to you PC from outside your home or business?

www.2mypc.net

Yahoo Groups Links

This email is free from viruses and malware because avast! Antivirus protection is active.

https://www.avast.com/antivirus

[Non-text portions of this message have been removed]

2555. What are the most common defects in the coupler RF-382A

Yahoo group: harris-radio
Date: 2015-07-24 02:10:13 UTC
From: mbchagasl@...
Topic: 2555 Message: 2555

Hello good night,What are the most common defects in the coupler 382A tuning and power,I can not Tx on 27Mhz with dipole antenna connected to the coupler and also can not Tx with AT-1011 antenna,
dipole antenna connected in the P.A 400W test power 397 and swr 1.5 free Tx in 27.605 but dipole antenna connected in coupler 382A power 70 and swr 4.6 no Tx and with antenn AT-1011 in the coupler power 70 and swr 4.6 sometimes varies more swr and less power,then the problem is the coupler?

How can I find the problem you suggest me to do now.

Thanks good night.

Best regards.

Bruno.

2556. Test in RF-382A Help.

Yahoo group: harris-radio
Date: 2015-07-24 20:05:04 UTC
From: mbchagasl@...
Topic: 2556 Message: 2556

Hello good night to All,test in my coupler video youtube.
The description on youtube/bruno_chagas_leite@hotmail.com

https://www.youtube.com/watch?v=dG2Mgk8YPmY&feature=youtu.be
https://www.youtube.com/watch?v=dG2Mgk8YPmY&feature=youtu.be

Thanks good night.

Bruno/EB18BC.

2557. Re: [harris-radio] Test in RF-382A Help.

Yahoo group: harris-radio
Date: 2015-07-24 20:13:26 UTC
From: Paul Katz
Topic: 2556 Message: 2557

Relay K8 is not being actuated (no clicking noise). Check that relay coil or driver. But the RF choke on bottom board may be open. Ohm that RFC first before tearing up other boards. A non functioning relay can screw up finding a match.

On 7/24/2015 3:05 PM, mbchagasl@... [harris-radio] wrote:
>
> Hello good night to All,test in my coupler video youtube.
> The description on youtube/bruno_chagas_leite@...
>
> https://www.youtube.com/watch?v=dG2Mgk8YPmY&feature=youtu.be
>
>
> Thanks good night.
>
> Bruno/EB18BC.
>
>
>
>

2558. RE: [harris-radio] Test in RF-382A Help.

Yahoo group: harris-radio
Date: 2015-07-24 20:20:36 UTC
From: Bruno Schagas
Topic: 2556 Message: 2558

Ok thanks Paul,but do you think the problem is only the coupler or will also be in P.A, you saw my other videos?

Thanks.

Best regards,

Bruno Schagas.

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Fri, 24 Jul 2015 15:13:26 -0500
Subject: Re: [harris-radio] Test in RF-382A Help.

Relay K8 is not being actuated (no
clicking noise). Check that relay coil or driver. But the RF
choke on bottom board may be open. Ohm that RFC first before
tearing up other boards. A non functioning relay can screw up
finding a match.

On 7/24/2015 3:05 PM, mbchagasl@... [harris-radio] wrote:

Hello good night to All,test in my coupler video youtube.

The description on youtube/bruno_chagas_leite@...

https://www.youtube.com/watch?v=dG2Mgk8YPmY&feature=youtu.be

Thanks good night.

Bruno/EB18BC.

2559. RE: [harris-radio] Test in RF-382A Help.

Yahoo group: harris-radio
Date: 2015-07-24 21:20:21 UTC
From: W2HX
Topic: 2556 Message: 2559

Bruno, run through the self test using the self-test button. This way you don’t have to worry about swr or what may or may not be wrong with the PA. Here is a video showing the button to press and what to expect.

https://www.youtube.com/watch?v=5t1bveJdTAg

this will show you if any relays are stuck. Then you can troubleshoot from there. Good luck

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, July 24, 2015 4:05 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Test in RF-382A Help.

Hello good night to All,test in my coupler video youtube.
The description on
youtube/bruno_chagas_leite@hotmail.com<mailto:youtube/bruno_chagas_leite@hotmail.com>

https://www.youtube.com/watch?v=dG2Mgk8YPmY&feature=youtu.be

Thanks good night.

Bruno/EB18BC.

2560. RE: [harris-radio] Test in RF-382A Help.

Yahoo group: harris-radio
Date: 2015-07-24 23:28:50 UTC
From: Bruno Schagas
Topic: 2556 Message: 2560

Hello Eugene thanks ok,I'll see.

Thanks good night.

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Fri, 24 Jul 2015 14:20:21 -0700
Subject: RE: [harris-radio] Test in RF-382A Help.

Bruno, run through the self test using the self-test button. This way you don’t have to worry about swr or what may or may not be wrong with the PA. Here is a video showing the button to press and what to expect. https://www.youtube.com/watch?v=5t1bveJdTAg this will show you if any relays are stuck. Then you can troubleshoot from there. Good luck 73 Eugene W2HX From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, July 24, 2015 4:05 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Test in RF-382A Help. Hello good night to All,test in my coupler video youtube.
The description on youtube/bruno_chagas_leite@...

https://www.youtube.com/watch?v=dG2Mgk8YPmY&feature=youtu.be

Thanks good night.

Bruno/EB18BC.

2561. RF-5022R/T(E) ALE

Yahoo group: harris-radio
Date: 2015-07-25 05:19:14 UTC
From: mbchagasl@...
Topic: 2561 Message: 2561

Hello good evening to all,Someone could make a video as an additional one channel in ALE and make an SWR test in the radio RF-5022R/T(E),example add the frequency 14.346Mhz in ALE step by step and and make a test swr in frequency after,it would be possible for someone do this by kindness.

Thanks good evening to all.

Best regards,

Bruno Schagas.

2562. Harris RF-1110A help

Yahoo group: harris-radio
Date: 2015-07-25 06:56:50 UTC
From: L Ritta
Topic: 2562 Message: 2562

Hello All

Is there anyone here with documentation for RF-1110A or B

73’s Lee.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

2563. 3200

Yahoo group: harris-radio
Date: 2015-07-25 09:52:12 UTC
From: Alan Morriss
Topic: 1842 Message: 2563

hello , my RF3200 has done something funny. it will not transmit, and i cannot change from the am position which it was in. the mode display etc is frozen. abyone have an idea what i can do. it was fine last week. alan G4GEN

2564. RE: [harris-radio] 3200

Yahoo group: harris-radio
Date: 2015-07-25 12:47:02 UTC
From: Roger Waldmiller
Topic: 1842 Message: 2564

Hello G2GEN:

From experience on the 3200 , I would say that the A7 logic U6 SRAM is contaminated.

U6 is a DALLAS nonvolatile SRAM DS1225AD-200

These ICs have an internal battery for retention of config and settings for when the unit is turned OFF. The battery has a life of 10 years from date of activation.

On the chip is a code date. IE : 9420E. Take the 2 left digits and it is the year 1994.
Even if there may be other reasons for the malfunction this SRAM should be replaced. Ck your U6 for the code \date.

3200's were made in 1988 thru mid 90's so all will need the SRAM replaced as start.

It should be noted : that replacing the RAM will revert all config and memorys to a default settings and the electronic s/n will revert to s/n 1 and will determine the passwords.

Easily corrected and found sand reconfigured.

Contact me direct as I do have more questions to help.

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, July 25, 2015 5:52 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] 3200

hello , my RF3200 has done something funny. it will not transmit, and i cannot change from the am position which it was in. the mode display etc is frozen. abyone have an idea what i can do. it was fine last week. alan G4GEN

This email is free from viruses and malware because avast! Antivirus protection is active.
https://www.avast.com/antivirus

2565. RE: [harris-radio] RF-5022R/T(E) ALE

Yahoo group: harris-radio
Date: 2015-07-25 14:43:33 UTC
From: Richard Johnson
Topic: 2561 Message: 2565

You shouldn't need a video, testing SWR is the same on ALE as regular operation.
You have to switch from ALE to the TEST position and then which ever channel the channel knob is on will be the channel that is tested.

Unless you are operating remote control with a computer. Then you can use commands from the keyboard.

Good luck
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Fri, 24 Jul 2015 22:19:14 -0700
Subject: [harris-radio] RF-5022R/T(E) ALE

Hello good evening to all,Someone could make a video as an additional one channel in ALE and make an SWR test in the radio RF-5022R/T(E),example add the frequency 14.346Mhz in ALE step by step and and make a test swr in frequency after,it would be possible for someone do this by kindness.

Thanks good evening to all.

Best regards,

Bruno Schagas.

2566. Help Needed Harris RF2301 & RF2360

Yahoo group: harris-radio
Date: 2015-07-25 18:39:04 UTC
From: smtbrick@...
Topic: 2566 Message: 2566

Hi all, I need a little help with the Harris RF2301 radio set and also the RF2360 power supply unit.

I bought the pair together this weekend at a local show. The radio set is missing one card and one module.

I am seeking the following parts
Memory Unit 10007-1120
12v to 24v convertor module 10007-0900

I am also seeking the service manual or copy for both radio and power unit, if anyone can help?

I believe the memory module is also the control processor for the radio set, is this correct?
(the card marked processor in the card rack is audio processing?)

If any user has the memory card in their radio set a good quality photograph would be appreciated. I plan to make a new control card using a PIC processor is I am unable to find the correct card.

Also seeking the pin out for the connectors

AC power input to the RF-2360
Microphone connector RF-2301
Coupler connections RF-2301

Thanks for taking the time to read this post

Joe G4PMY UK

2567. RF-5034PA 400 manual needed

Yahoo group: harris-radio
Date: 2015-07-25 18:44:32 UTC
From: Joseph Pinner
Topic: 2567 Message: 2567

I am having problems with my Harris RF-5034PA 400 amp.

Its is giving me an error code for the harmonic filters board.

--
Joseph Pinner
Kingston, TN

KC5IJD / NNN0PHR
Roane County OES 408

2568. New file uploaded to harris-radio

Yahoo group: harris-radio
Date: 2015-07-25 21:28:45 UTC
From: harris-radio@yahoogroups.com
Topic: 1894 Message: 2568

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the harris-radio
group.

File : /prc-138-2.xml
Uploaded by : mjulianma <marjulcusian@...>
Description : xml file for FLDIGI to use with PRC-138. Frequency, Bandwidth, and Mode have been tested

You can access this file at the URL:
https://groups.yahoo.com/neo/groups/harris-radio/files/prc-138-2.xml

To learn more about file sharing for your group, please visit:
https://help.yahoo.com/kb/index?page=content&y=PROD_GRPS&locale=en_US&id=SLN15398

Regards,

mjulianma <marjulcusian@...>

2569. Harris 4040

Yahoo group: harris-radio
Date: 2015-07-26 03:20:28 UTC
From: w4jle@...
Topic: 2569 Message: 2569

Looking for a manual on a Harris 4040 exciter part of the Harris 4000 system.
Any help gratefully appreciated.

V/R
Fred W4JLE

2570. Harris R-2368

Yahoo group: harris-radio
Date: 2015-07-26 11:14:42 UTC
From: L Ritta
Topic: 2570 Message: 2570

Hello All

Anyone here got a spare A23 circuit board for the R-2368/URR, I can buy, please contact me direct.

73's Lee

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

2571. RE: [harris-radio] RF-5034PA 400 manual needed

Yahoo group: harris-radio
Date: 2015-07-26 18:59:06 UTC
From: Roger Waldmiller
Topic: 2567 Message: 2571

Hello Joe;

What code are you seeing?

Are you testing into a dummy load?

Contact me direct

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, July 25, 2015 2:45 PM
To: harris-radio@yahoogroups.com; milsurplus@...
Subject: [harris-radio] RF-5034PA 400 manual needed

I am having problems with my Harris RF-5034PA 400 amp.

Its is giving me an error code for the harmonic filters board.

--
Joseph Pinner
Kingston, TN

KC5IJD / NNN0PHR
Roane County OES 408

This email is free from viruses and malware because avast! Antivirus protection is active.
https://www.avast.com/antivirus

2572. Re: Help Needed Harris RF2301 & RF2360

Yahoo group: harris-radio
Date: 2015-07-27 01:02:12 UTC
From: steve@...
Topic: 2566 Message: 2572

Hi Joe,
First you don't need the 12 to 24 volt module since you have the RF-2360. It provides the +24 to run the RF-281 Antenna Coupler.

The Mic connector is standard for a U-229. A=Ground B=Headphones C=PTT D=Mic Audio

The RF-2360 J2 Power pinout A=115 VAC Hot/230 VAC, D=115 VAC Neutral/230 VAC, E= Gnd.

Coupler J1
A= Coupler Fault
B=Rechannel
D=Ground
E=Keyline
F=Bypass
G=Coupler +24 VDC
K=Disable
M=Tune Power Request

The memory card works with the 1A2A1 Frequency Select, 1A2A2 Interface and 1A2A3 Display cards. It would be quite an accomplishment to make one using a PIC. I don't have a spare card I am sorry to say.

Someone has an RF-230 manual online which might help. Some cards are the same. If you find the RF-2301 manual, the RF-2360 manual is included.

73
Steve KD2OM

2573. RF-1110A

Yahoo group: harris-radio
Date: 2015-07-27 03:57:23 UTC
From: vk5abc@...
Topic: 1173 Message: 2573

Hello All

Anyone with any spare driver modules or circuit boards for the RF-1110A

73's Lee.

2574. Re: Help Needed Harris RF2301 & RF2360

Yahoo group: harris-radio
Date: 2015-07-28 21:12:01 UTC
From: smtbrick@...
Topic: 2566 Message: 2574

Steve
many thanks for the information, much appreciated.
I have no option but to attempt to make the memory card missing from my rf-2301.

We may go as far as fitting two DDS madules and making the whole thing continuously tunable, picking up the correct filter selection on the way, who knows, but if I do I will make the project available on the forum

73s Joe G4PMY

2575. Fldigi remote control RF-5022E

Yahoo group: harris-radio
Date: 2015-07-31 11:15:48 UTC
From: steve@...
Topic: 2575 Message: 2575

KI6SYM put a file _prc-138-2.xml here a few days ago. I have not tested it with a PRC-138 but have tested it with my RF-5022E. I did change the rig identifier to RF-5022 but that is all.
It does change frequency and mode. It does change the values in memory so be sure to put the radio on channel 0 before running it.

Thank you to KI6SYM.

73
Steve KD2OM

2576. Re: Help Needed Harris RF2301 & RF2360

Yahoo group: harris-radio
Date: 2015-07-31 18:16:50 UTC
From: steve@...
Topic: 2566 Message: 2576

Joe, Please contact me off list.

Steve KD2OM

2577. Identification problem RF-382A.

Yahoo group: harris-radio
Date: 2015-08-02 04:04:17 UTC
From: mbchagasl@...
Topic: 2577 Message: 2577

Hello good night folks,could help me identify the problem with this RF-382A I think one problem is in the Led F3,K20 and may have more problems,someone can identify any problems by the videos and me display the walkthrough for repair,I'm not very good in english ok Kkk... what should I do,I have to replace a diode, relay, capacitor or other piece,the video of the W2HX,help however I do not quite understand the spoken english of the written I believe with these videos you can help me more clearly and the Led K8 not sound Bite and the set of LED D55 only the LED flashes DIS1 and the manual is too complex a very technical english I'm not used.
I am with very difficult to use the radio 100% operational,the P.A can also which is a problem,
a lot of variation in Watts and SWR with dipole antenna in the correct measure,media SWR 1.5 , 1.6 and the Watts 390,395,397 sometimes even 402 422 SWR 1.6 95% in bands
and use the radio with the coupler hardly anything works with AT-1011 or dipole.

Thank you very much thanks good night,73.

Best regards,

Bruno Schagas.

bruno_chagas_leite@hotmail.com

RF-382A.
https://www.youtube.com/watch?v=dG2Mgk8YPmY https://www.youtube.com/watch?v=dG2Mgk8YPmY

List
https://www.youtube.com/user/BrunoSchagasLeiter/videos?spfreload=10
https://www.youtube.com/user/BrunoSchagasLeiter/videos?spfreload=10

2578. Harris rf-1110A

Yahoo group: harris-radio
Date: 2015-08-03 15:00:57 UTC
From: vk5abc@...
Topic: 2578 Message: 2578

Hello All

Anyone here have any documentation for the Harris RF-1110A I need the block diagram of the complete amplifier but not the power supply.

73's Lee.

2579. Harris rf-1110

Yahoo group: harris-radio
Date: 2015-08-08 14:35:07 UTC
From: L Ritta
Topic: 2579 Message: 2579

Hello All

Anyone have any documentation for the Harris RF-1110

73's Lee.

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https://www.avast.com/antivirus

2580. Re: RF-1110A manual/circuits

Yahoo group: harris-radio
Date: 2015-08-08 15:21:37 UTC
From: vk5abc@...
Topic: 1364 Message: 2580

Hello Greg

I did not realise that I had not responded. Well I need a block diagram of the amplifier. I am also need the control circuit to see how it interfaces with the RF-1310 which I have. I hope you can help.

73's Lee.

2581. RF-1110A

Yahoo group: harris-radio
Date: 2015-08-08 15:40:50 UTC
From: vk5abc@...
Topic: 1173 Message: 2581

Hello Again

Anyone with a pinout for J2 on the RF1110A or D

73's Lee.

2582. Re: RF-1110A

Yahoo group: harris-radio
Date: 2015-08-08 17:10:03 UTC
From: steve@...
Topic: 1173 Message: 2582

Lee,
The RF-1110A is controlled by 5 wire code like the RF-110A. The RF-1110C and D use a serial code. They require a different control board in the RF-1310.
You probably already know but the A uses bipolar output devices and C,D use FET output devices.

Here is the J2 pinout for the RF-1110C. I don't have any information on the RF-1110A

Steve KD2OM

2583. Re: RF-1110A

Yahoo group: harris-radio
Date: 2015-08-08 17:40:50 UTC
From: vk5abc@...
Topic: 1173 Message: 2583

Hello Steve

I just found that the RF-1110D will work with a RF-5022 and I have the matching RF-5032 PA125 but not the rf-5022 so it seems if I can get the updated control board, I may be able to use my 125w amplifier with my RF-1310.

Any idea where I can get a circuit of the later version of the RF-1310 control board. thanks!

73's Lee.

2584. Re: RF-1110A

Yahoo group: harris-radio
Date: 2015-08-08 17:49:39 UTC
From: vk5abc@...
Topic: 1173 Message: 2584

Hello Steve

Do you have a manual for the rf-1110C? I had originally thought of replicating a cut down version of the RF-1110 but with only 500W output as I don't have a RF-110 and they are too noisy and of course too heavy.
I just want something to use with my RF-1310 and not add to the complexity of operation.

73's Lee.

2585. WTB Harris RF-1310A A18A2 board

Yahoo group: harris-radio
Date: 2015-08-08 18:22:07 UTC
From: vk5abc@...
Topic: 2585 Message: 2585

Hello All

I am looking for the Harris A18A2 10121-6390 system interface I/O board and a circuit of course.

73's Lee.

2586. Re: RF-1110A

Yahoo group: harris-radio
Date: 2015-08-12 13:57:11 UTC
From: steve@...
Topic: 1173 Message: 2586

Lee,
The only manual for the RF-1110C is the intermediate manual which has no real details except to troubleshoot to board level. There isn't even cable wiring details.
I have been thinking of using the RF-1310 to drive my 125 watt PA as well. My approach was going to be just install a band switch in the PA to select the correct filter band and put the 1310 in generator mode. The output can be controlled from the front panel of the exciter.

73
Steve

2587. RE: [harris-radio] Re: RF-1110A

Yahoo group: harris-radio
Date: 2015-08-12 14:39:37 UTC
From: L Ritta
Topic: 1173 Message: 2587

Hello Steve

Thanks for your email, I have just found that using the A18A2 board as an option for rf-1310 which I have

But I need to make a patch cable from j8 rf-5032 pa125 to the rf-1310 j11 which is ms3116j12-10p to a

D type 37 pin connector using a 10 core cable. But I also have to find a 28v 15a power supply to power

the 125w amplifier.

In the long run I would like to build a cut down version of the RF-1110B/C/D my biggest problem is the control

Circuit and the output filter. How big is your manual, I would like to build a library of books for the RF-1110 using

Mosfet rather than BJT devices, but so far I have not been able any circuit let alone a block diagram of the whole thing.

73’s Lee

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, 12 August 2015 11:27 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-1110A

Lee,
The only manual for the RF-1110C is the intermediate manual which has no real details except to troubleshoot to board level. There isn't even cable wiring details.
I have been thinking of using the RF-1310 to drive my 125 watt PA as well. My approach was going to be just install a band switch in the PA to select the correct filter band and put the 1310 in generator mode. The output can be controlled from the front panel of the exciter.

73
Steve

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https://www.avast.com/antivirus

2588. Please help me Identification problem RF-382A Led indication.

Yahoo group: harris-radio
Date: 2015-08-12 23:59:15 UTC
From: mbchagasl@...
Topic: 2588 Message: 2588

Hello good night personal,could help me identify the problem with this RF-382A I think one problem is in the Led F3,K20 and may have more problems,someone can identify any problems by the videos and me display the walkthrough for repair,I'm not very good in english ok Kkk... what should I do,I have to replace a diode, relay, capacitor or other piece,the video of the W2HX,help however I do not quite understand the spoken english of the written I believe with these videos you can help me more clearly and the Led K8 not sound Bite and the set of LED D55 only the LED flashes DIS1 and the manual is too complex a very technical english I'm not used.
I am with very difficult to use the radio 100% operational,the P.A can also which is a problem,
a lot of variation in Watts and SWR with dipole antenna in the correct measure,media SWR 1.5 , 1.6 and the Watts 390,395,397 sometimes even 402 422 SWR 1.6 95% in bands
and use the radio with the coupler hardly anything works with AT-1011 or dipole.

Thank you very much thanks good night,73.

Best regards,

Bruno Schagas/EB18BC/Brazilian Army EB.

RF-382A.
Harris RF-382A Coupler https://www.youtube.com/watch?v=dG2Mgk8YPmY

https://www.youtube.com/watch?v=dG2Mgk8YPmY

Harris RF-382A Coupler https://www.youtube.com/watch?v=dG2Mgk8YPmY Test Harris RF-382A Coupler,RF-5034P.A 400E,RF-5022R/T(E) in frequency 27.7750Mhz,27.0750Mhz,14.2500Mhz and 07.1400Mhz no Tx Tune Fault in ...

View on www.youtube.com https://www.youtube.com/watch?v=dG2Mgk8YPmY
Preview by Yahoo

2589. WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-08-13 00:54:33 UTC
From: steve@...
Topic: 2589 Message: 2589

I am looking for a 1st converter board P/N 10073-5200 that has a RAY-6 mixer and a 10085-5020 filter. Normal converter assemblies have an SAY-1 mixer and 10073-7000 filter.

Full disclosure, the RAY-6 mixer should be better at VLF and the 10085-5020 filter is narrower than the 10073-7000 filter. My main monitoring is VLF so I am hoping for an improvement below the broadcast band.

Thanks for looking,
73
Steve KD2OM

2590. Re: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-08-13 00:58:55 UTC
From: Peter Gottlieb
Topic: 2589 Message: 2590

Is it simply a matter of a different mixer and filter?

On 8/12/2015 8:54 PM, steve@... [harris-radio] wrote:
>
> I am looking for a 1st converter board P/N 10073-5200 that has a RAY-6 mixer
> and a 10085-5020 filter. Normal converter assemblies have an SAY-1 mixer and
> 10073-7000 filter.
>
>
> Full disclosure, the RAY-6 mixer should be better at VLF and the 10085-5020
> filter is narrower than the 10073-7000 filter. My main monitoring is VLF so I
> am hoping for an improvement below the broadcast band.
>
>
>
> Thanks for looking,
>
> 73
>
> Steve KD2OM
>
>

2591. Re: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-08-13 13:15:31 UTC
From: John Reed
Topic: 2589 Message: 2591

I replaced the SAY-1 mixer in my RF-590 with a RAY-6. It’s not difficult to do, just unsolder the SAY-1 and solder in the RAY-6. If the filter is the roofing filter, that shouldn’t make any difference at VLF since there probably won’t be many strong signals close to the weak ones, and IMD won’t be a problem. I haven’t had any problem with overload at VLF with my 590. The broadcast band is another story. If you do MW DX, another roofing filter will be a big help.

John Reed

From: mailto:harris-radio@yahoogroups.com
Sent: Wednesday, August 12, 2015 7:54 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2

I am looking for a 1st converter board P/N 10073-5200 that has a RAY-6 mixer and a 10085-5020 filter. Normal converter assemblies have an SAY-1 mixer and 10073-7000 filter.

Full disclosure, the RAY-6 mixer should be better at VLF and the 10085-5020 filter is narrower than the 10073-7000 filter. My main monitoring is VLF so I am hoping for an improvement below the broadcast band.

Thanks for looking,

73

Steve KD2OM

2592. Re: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-08-13 13:39:17 UTC
From: Peter Gottlieb
Topic: 2589 Message: 2592

Did you see any improvement with the RAY-6?

Peter

> On Aug 13, 2015, at 9:15 AM, 'John Reed' ka5qep@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> I replaced the SAY-1 mixer in my RF-590 with a RAY-6. It’s not difficult to do, just unsolder the SAY-1 and solder in the RAY-6. If the filter is the roofing filter, that shouldn’t make any difference at VLF since there probably won’t be many strong signals close to the weak ones, and IMD won’t be a problem. I haven’t had any problem with overload at VLF with my 590. The broadcast band is another story. If you do MW DX, another roofing filter will be a big help.
>
> John Reed
>
> From: mailto:harris-radio@yahoogroups.com
> Sent: Wednesday, August 12, 2015 7:54 PM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2
>
>
> I am looking for a 1st converter board P/N 10073-5200 that has a RAY-6 mixer and a 10085-5020 filter. Normal converter assemblies have an SAY-1 mixer and 10073-7000 filter.
>
>
>
> Full disclosure, the RAY-6 mixer should be better at VLF and the 10085-5020 filter is narrower than the 10073-7000 filter. My main monitoring is VLF so I am hoping for an improvement below the broadcast band.
>
>
>
>
>
> Thanks for looking,
>
> 73
>
> Steve KD2OM
>
>

2593. RE: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-08-13 16:28:45 UTC
From: L Ritta
Topic: 2589 Message: 2593

I just looked at the datasheets for the ray-6 and the ray-6u the ray-6u looks

better as it starts at 10khz whereas the ray-6 starts at 30khz btw the say-1 starts

at 100khz I hope this usefull.

http://www.minicircuits.com/pdfs/RAY-6U.pdf

http://www.minicircuits.com/pdfs/RAY-6_SPEC.pdf

73's Lee.

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, 13 August 2015 11:09 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2

Did you see any improvement with the RAY-6?

Peter

On Aug 13, 2015, at 9:15 AM, 'John Reed' ka5qep@... [harris-radio]
<harris-radio@yahoogroups.com> wrote:

I replaced the SAY-1 mixer in my RF-590 with a RAY-6. It's not difficult to do, just unsolder the SAY-1 and solder in the RAY-6. If the filter is the roofing filter, that shouldn't make any difference at VLF since there probably won't be many strong signals close to the weak ones, and IMD won't be a problem. I haven't had any problem with overload at VLF with my 590. The broadcast band is another story. If you do MW DX, another roofing filter will be a big help.

John Reed

From: mailto:harris-radio@yahoogroups.com

Sent: Wednesday, August 12, 2015 7:54 PM

To: harris-radio@yahoogroups.com

Subject: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2

I am looking for a 1st converter board P/N 10073-5200 that has a RAY-6 mixer and a 10085-5020 filter. Normal converter assemblies have an SAY-1 mixer and 10073-7000 filter.

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Thanks for looking,

73

Steve KD2OM

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https://www.avast.com/antivirus

2594. Re: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-08-14 19:01:41 UTC
From: Peter Gottlieb
Topic: 2589 Message: 2594

Was the RAY-6 an improvement? Minicircuits does sell the RAY-6U and the plain RAY-6 can be found, neither super expensive, but is the improvement noticeable or measureable? Worth it?

Peter

On 8/13/2015 9:15 AM, 'John Reed' ka5qep@... [harris-radio] wrote:
>
> I replaced the SAY-1 mixer in my RF-590 with a RAY-6. It’s not difficult to
> do, just unsolder the SAY-1 and solder in the RAY-6. If the filter is the
> roofing filter, that shouldn’t make any difference at VLF since there probably
> won’t be many strong signals close to the weak ones, and IMD won’t be a
> problem. I haven’t had any problem with overload at VLF with my 590. The
> broadcast band is another story. If you do MW DX, another roofing filter will
> be a big help.
> John Reed
> *From:* mailto:harris-radio@yahoogroups.com
> *Sent:* Wednesday, August 12, 2015 7:54 PM
> *To:* harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
> *Subject:* [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2
>
> I am looking for a 1st converter board P/N 10073-5200 that has a RAY-6 mixer
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>
> Full disclosure, the RAY-6 mixer should be better at VLF and the 10085-5020
> filter is narrower than the 10073-7000 filter. My main monitoring is VLF so I
> am hoping for an improvement below the broadcast band.
>
>
>
> Thanks for looking,
>
> 73
>
> Steve KD2OM
>
>

2595. Re: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-08-14 23:01:11 UTC
From: John Reed
Topic: 2589 Message: 2595

Yes, a big improvement. Previously I couldn’t hear some of the weak VLF broadcasts. Now they are coming in much better. When conditions are good I can hear the Russian alpha radio location beacons from 11 to 15 KHz. That was completely out of the question before this mod.

John, KA5QEP

From: mailto:harris-radio@yahoogroups.com
Sent: Friday, August 14, 2015 2:01 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2

Was the RAY-6 an improvement? Minicircuits does sell the RAY-6U and the plain RAY-6 can be found, neither super expensive, but is the improvement noticeable or measureable? Worth it?

Peter

On 8/13/2015 9:15 AM, 'John Reed' ka5qep@... [harris-radio] wrote:
>
> I replaced the SAY-1 mixer in my RF-590 with a RAY-6. It’s not difficult to
> do, just unsolder the SAY-1 and solder in the RAY-6. If the filter is the
> roofing filter, that shouldn’t make any difference at VLF since there probably
> won’t be many strong signals close to the weak ones, and IMD won’t be a
> problem. I haven’t had any problem with overload at VLF with my 590. The
> broadcast band is another story. If you do MW DX, another roofing filter will
> be a big help.
> John Reed
> *From:* mailto:harris-radio@...m
> *Sent:* Wednesday, August 12, 2015 7:54 PM
> *To:* harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
> *Subject:* [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2
>
> I am looking for a 1st converter board P/N 10073-5200 that has a RAY-6 mixer
> and a 10085-5020 filter. Normal converter assemblies have an SAY-1 mixer and
> 10073-7000 filter.
>
>
> Full disclosure, the RAY-6 mixer should be better at VLF and the 10085-5020
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> am hoping for an improvement below the broadcast band.
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>
> Thanks for looking,
>

> 73
>
> Steve KD2OM
>
>

2596. Re: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-08-15 02:35:17 UTC
From: Peter Gottlieb
Topic: 2589 Message: 2596

Minicircuits isn't selling the RAY-6U any more so I put a RAY-6 on order from Surplus Sales of Nebraska.

Now I need to improve my antenna system to get as far as I can in this relatively noisy environment.

Peter

On 8/14/2015 7:01 PM, 'John Reed' ka5qep@... [harris-radio] wrote:
>
> Yes, a big improvement. Previously I couldn’t hear some of the weak VLF
> broadcasts. Now they are coming in much better. When conditions are good I
> can hear the Russian alpha radio location beacons from 11 to 15 KHz. That was
> completely out of the question before this mod.
> John, KA5QEP
> *From:* mailto:harris-radio@yahoogroups.com
> *Sent:* Friday, August 14, 2015 2:01 PM
> *To:* harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
> *Subject:* Re: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2
>
> Was the RAY-6 an improvement? Minicircuits does sell the RAY-6U and the plain
> RAY-6 can be found, neither super expensive, but is the improvement noticeable
> or measureable? Worth it?
>
> Peter
>
> On 8/13/2015 9:15 AM, 'John Reed' ka5qep@... [harris-radio] wrote:
> >
> > I replaced the SAY-1 mixer in my RF-590 with a RAY-6. It’s not difficult to
> > do, just unsolder the SAY-1 and solder in the RAY-6. If the filter is the
> > roofing filter, that shouldn’t make any difference at VLF since there probably
> > won’t be many strong signals close to the weak ones, and IMD won’t be a
> > problem. I haven’t had any problem with overload at VLF with my 590. The
> > broadcast band is another story. If you do MW DX, another roofing filter will
> > be a big help.
> > John Reed
> > *From:* mailto:harris-radio@yahoogroups.com
> > *Sent:* Wednesday, August 12, 2015 7:54 PM
> > *To:* harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
> > *Subject:* [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2
> >
> > I am looking for a 1st converter board P/N 10073-5200 that has a RAY-6 mixer
> > and a 10085-5020 filter. Normal converter assemblies have an SAY-1 mixer and
> > 10073-7000 filter.
> >
> >

> > Full disclosure, the RAY-6 mixer should be better at VLF and the 10085-5020
> > filter is narrower than the 10073-7000 filter. My main monitoring is VLF so I
> > am hoping for an improvement below the broadcast band.
> >
> >
> >
> > Thanks for looking,
> >
> > 73
> >
> > Steve KD2OM
> >
> >
>
>

2597. Re: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-08-15 15:13:46 UTC
From: steve@...
Topic: 2589 Message: 2597

I just ordered the RAY-6 as well. Now I need to pull the filter from the RF-350K.

73
Steve KD2OM

p.s. I wonder if anyone has tried installing a Tayloe mixer in an RF-590?

2598. RE: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-08-15 15:54:30 UTC
From: L Ritta
Topic: 2589 Message: 2598

What is a Tayloe mixer ?

73’s Lee.

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, 16 August 2015 12:44 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2

I just ordered the RAY-6 as well. Now I need to pull the filter from the RF-350K.

73

Steve KD2OM

p.s. I wonder if anyone has tried installing a Tayloe mixer in an RF-590?

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

2599. RE: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-08-15 20:06:19 UTC
From: steve@...
Topic: 2589 Message: 2599

Here is a link to the design:
http://www.wparc.us/presentations/SDR-2-19-2013/Tayloe_mixer_x3a.pdf
http://www.wparc.us/presentations/SDR-2-19-2013/Tayloe_mixer_x3a.pdf

Also is your email good at QRZ.com?

73
Steve KD2OM

2601. Re: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-08-17 17:25:53 UTC
From: Peter Gottlieb
Topic: 2589 Message: 2601

Same thing happened here. Seeing if I can find any distributor stock through Minicircuits, will let you know.

Peter

> On Aug 17, 2015, at 11:56 AM, steve@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Peter,
>
> Maybe you had better luck than I did. Surplus Sales just sent me a note that the RAY-6 is no longer in stock.
>
> 73
> Steve KD2OM
>
>

2602. Re: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-08-17 17:55:14 UTC
From: steve@...
Topic: 2589 Message: 2602

Peter, I hope you had better luck than I did. Surplus Sales just sent me a note that the RAY-6 is no longer in stock. I called Minicircuits and although the RAY-6 is not a catalog item it can be ordered for $84.94 plus shipping. The RAY-6U(+) is not available at all. Another way it get an improvement would be to use an SRA-3+ which is $29 and increase the pad on the LO by 6 dB as it is a +17 mixer. IP3 would suffer of course but in non military applications it might not matter.

73
Steve KD2OM

2603. Re: [harris-radio] WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-08-17 19:28:35 UTC
From: Peter Gottlieb
Topic: 2589 Message: 2603

Hmmm, I guess we'll have to bite the bullet and pay up.

Peter

> On Aug 17, 2015, at 12:55 PM, steve@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Peter,
>
> I hope you had better luck than I did. Surplus Sales just sent me a note that the RAY-6 is no longer in stock. I called Minicircuits and although the RAY-6 is not a catalog item it can be ordered for $84.94 plus shipping. The RAY-6U(+) is not available at all.
> Another way it get an improvement would be to use an SRA-3+ which is $29 and increase the pad on the LO by 6 dB as it is a +17 mixer. IP3 would suffer of course but in non military applications it might not matter.
>
> 73
> Steve KD2OM
>

2604. Re: WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-08-17 20:51:22 UTC
From: steve@...
Topic: 2589 Message: 2604

Also you might check what you actually have in your radio. The one of mine that I was using as a reference has the SAY-1 with 10073 filter. After the shock of the price of the mixer I reluctantly, because of the preselector and rack mounting opened my other receiver and it has the RAY-6 and 10085 filter already. Now I will have to do some testing to see the difference. I have always noted the the radio with the preselector is less sensitive so will have to bypass it to make a comparison. Now I am glad no one had a module for sale and that Surplus Sales was out of stock. I would have never thought the receivers would have different parts since the manual indicates that the RAY-6 is not standard in the Navy receiver.

Steve KD2OM

2605. Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-24 01:06:06 UTC
From: mbchagasl@...
Topic: 2605 Message: 2605

Hello good night friends problem inRF-382 A-04 is in error not complete the coupling someone can identify the problem and show me how to do the concert,my technician friend could not find the problem.

Thanks good night73.

Best regards,

Bruno Schagas-EB18BC/Brazilian Army.

Photos.
https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529/lightbox/1492920301?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1492920301 https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529/lightbox/1492920301?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1492920301

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529
https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529

Video
Harris RF-382A Coupler https://www.youtube.com/watch?v=dG2Mgk8YPmY&spfreload=10

https://www.youtube.com/watch?v=dG2Mgk8YPmY&spfreload=10

Harris RF-382A Coupler https://www.youtube.com/watch?v=dG2Mgk8YPmY&spfreload=10 Test Harris RF-382A Coupler,RF-5034P.A 400E,RF-5022R/T(E) in frequency 27.7750Mhz,27.0750Mhz,14.2500Mhz and 07.1400Mhz no Tx Tune Fault in ...

View on www.youtube.com https://www.youtube.com/watch?v=dG2Mgk8YPmY&spfreload=10
Preview by Yahoo

2606. RE: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-24 01:59:01 UTC
From: W2HX
Topic: 2605 Message: 2606

What happens when you use a 50 ohm load on the output of coupler? Either between the HV standoff and the ground or if the coupler has the 50 ohm N connector output then use that.

Eugene

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, August 23, 2015 9:06 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Help Needed with RF-382!!!

Hello good night friends problem inRF-382 A-04 is in error not complete the coupling someone can identify the problem and show me how to do the concert,my technician friend could not find the problem.

Thanks good night73.

Best regards,

Bruno Schagas-EB18BC/Brazilian Army.

Photos.
https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529/lightbox/1492920301?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1492920301

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529

Video
Harris RF-382A Coupler

[https://i.ytimg.com/vi/dG2Mgk8YPmY/hqdefault.jpg]<https://www.youtube.com/watch?v=dG2Mgk8YPmY&spfreload=10>

Harris RF-382A Coupler <https://www.youtube.com/watch?v=dG2Mgk8YPmY&spfreload=10>
Test Harris RF-382A Coupler,RF-5034P.A 400E,RF-5022R/T(E) in frequency 27.7750Mhz,27.0750Mhz,14.2500Mhz and 07.1400Mhz no Tx Tune Fault in ...

View on www.youtube.com <https://www.youtube.com/watch?v=dG2Mgk8YPmY&spfreload=10>

Preview by Yahoo

2607. Re: Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-24 13:07:48 UTC
From: N4BE_Jim@yahoo.com
Topic: 2605 Message: 2607

Here's part 1 of a 12 part video by W2HX that may help. You can see all videos from youtube.

http://youtu.be/_18lQTdBHzg

Sent from my iPad

2608. RE: [harris-radio] Re: Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-24 23:35:01 UTC
From: Bruno Schagas
Topic: 2605 Message: 2608

Hi thanks good night.

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Mon, 24 Aug 2015 09:07:48 -0400
Subject: [harris-radio] Re: Help Needed with RF-382!!!

Here's part 1 of a 12 part video by W2HX that may help. You can see all videos from youtube.
http://youtu.be/_18lQTdBHzg

Sent from my iPad

2609. RE: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-25 02:32:27 UTC
From: Bruno Schagas
Topic: 2605 Message: 2609

Hello good night,keeps giving the same error,even using the N connector to antenna or Whip antenna.
"HV"?
I did not recognize the error indicated by the LED F0-F1-F3 and the K8 not bip.

Thanks good night Eugene.

Best regards,

Bruno Schagas.
To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Sun, 23 Aug 2015 18:59:01 -0700
Subject: RE: [harris-radio] Help Needed with RF-382!!!

What happens when you use a 50 ohm load on the output of coupler? Either between the HV standoff and the ground or if the coupler has the 50 ohm N connector output then use that.
Eugene From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, August 23, 2015 9:06 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Help Needed with RF-382!!! Hello good night friends problem inRF-382 A-04 is in error not complete the coupling someone can identify the problem and show me how to do the concert,my technician friend could not find the problem.

Thanks good night73.

Best regards,

Bruno Schagas-EB18BC/Brazilian Army.

Photos.
https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529/lightbox/1492920301?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1492920301

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529

Video
Harris RF-382A Coupler
Harris RF-382A Coupler Test Harris RF-382A Coupler,RF-5034P.A 400E,RF-5022R/T(E) in frequency 27.7750Mhz,27.0750Mhz,14.2500Mhz and 07.1400Mhz no Tx Tune Fault in ...View on www.youtube.com Preview by Yahoo

[Non-text portions of this message have been removed]

2610. RE: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-25 02:44:14 UTC
From: W2HX
Topic: 2605 Message: 2610

Try again. Forget any antenna. Do not use any antenna. Use a dummy load only on the output of the coupler HV=high voltage it represents the insulated standoff to connect a wire-based antenna. Please try to use a dummy load on the output of the antenna coupler and see if the coupler can find a match. The problem is you have two variables. We cannot determine if the problem is with the antenna (variable 1) or with the coupler (variable 2). To eliminate one variable, we eliminate the antenna and replace it with a dummy load. Once you have attempted that test, let us know. That is the next logical step. Once you have completed that step report back to us.
Eugene

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, August 24, 2015 10:32 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Help Needed with RF-382!!!

Hello good night,keeps giving the same error,even using the N connector to antenna or Whip antenna.
"HV"?
I did not recognize the error indicated by the LED F0-F1-F3 and the K8 not bip.

Thanks good night Eugene.

Best regards,

Bruno Schagas.
To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Sun, 23 Aug 2015 18:59:01 -0700
Subject: RE: [harris-radio] Help Needed with RF-382!!!

What happens when you use a 50 ohm load on the output of coupler? Either between the HV standoff and the ground or if the coupler has the 50 ohm N connector output then use that.
Eugene From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, August 23, 2015 9:06 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Help Needed with RF-382!!! Hello good night friends problem inRF-382 A-04 is in error not complete the coupling someone can identify the problem and show me how to do the concert,my technician friend could not find the problem.

Thanks good night73.

Best regards,

Bruno Schagas-EB18BC/Brazilian Army.

Photos.
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https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529

Video
Harris RF-382A Coupler
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Yahoo Groups Links

2611. RE: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-25 04:32:05 UTC
From: Bruno Schagas
Topic: 2605 Message: 2611

Hello ok thanks now will it take to see that I'm no dummy load at the time.
Thank you very much good night.

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Mon, 24 Aug 2015 19:44:14 -0700
Subject: RE: [harris-radio] Help Needed with RF-382!!!

Try again. Forget any antenna. Do not use any antenna. Use a dummy load only on the output of the coupler HV=high voltage it represents the insulated standoff to connect a wire-based antenna. Please try to use a dummy load on the output of the antenna coupler and see if the coupler can find a match. The problem is you have two variables. We cannot determine if the problem is with the antenna (variable 1) or with the coupler (variable 2). To eliminate one variable, we eliminate the antenna and replace it with a dummy load. Once you have attempted that test, let us know. That is the next logical step. Once you have completed that step report back to us.

Eugene

-----Original Message-----

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]

Sent: Monday, August 24, 2015 10:32 PM

To: harris-radio@yahoogroups.com

Subject: RE: [harris-radio] Help Needed with RF-382!!!

Hello good night,keeps giving the same error,even using the N connector to antenna or Whip antenna.

"HV"?

I did not recognize the error indicated by the LED F0-F1-F3 and the K8 not bip.

Thanks good night Eugene.

Best regards,

Bruno Schagas.

To: harris-radio@yahoogroups.com

From: harris-radio@yahoogroups.com

Date: Sun, 23 Aug 2015 18:59:01 -0700

Subject: RE: [harris-radio] Help Needed with RF-382!!!

What happens when you use a 50 ohm load on the output of coupler? Either between the HV standoff and the ground or if the coupler has the 50 ohm N connector output then use that. Eugene From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]

Sent: Sunday, August 23, 2015 9:06 PM

To: harris-radio@yahoogroups.com

Subject: [harris-radio] Help Needed with RF-382!!! Hello good night friends problem inRF-382 A-04 is in error not complete the coupling someone can identify the problem and show me how to do the concert,my technician friend could not find the problem.

Thanks good night73.

Best regards,

Bruno Schagas-EB18BC/Brazilian Army.

Photos.

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529/lightbox/1492920301?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1492920301

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529

Video

Harris RF-382A Coupler

Harris RF-382A Coupler Test Harris RF-382A Coupler,RF-5034P.A 400E,RF-5022R/T(E) in frequency 27.7750Mhz,27.0750Mhz,14.2500Mhz and 07.1400Mhz no Tx Tune Fault in ...View on www.youtube.com Preview by Yahoo

[Non-text portions of this message have been removed]

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Yahoo Groups Links

2612. Re: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-25 07:46:47 UTC
From: Stuart Mckinnon
Topic: 2605 Message: 2612

Eugene and crew

Your doing a great job trying to help bruno

Well done

It's about time I tested my 382, it is the early version, with no N connector, can it be modded, was there a modification to add the facility of 50 ohm coax output ?

Cheers all

Stuart
G0TBI/P RAF Cranwell Lincolnshire

-----Original Message-----
From: W2HX w2hx@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Tue, 25 Aug 2015 3:44
Subject: RE: [harris-radio] Help Needed with RF-382!!!

Try again. Forget any antenna. Do not use any antenna. Use a dummy load only on the output of the coupler HV=high voltage it represents the insulated standoff to connect a wire-based antenna. Please try to use a dummy load on the output of the antenna coupler and see if the coupler can find a match. The problem is you have two variables. We cannot determine if the problem is with the antenna (variable 1) or with the coupler (variable 2). To eliminate one variable, we eliminate the antenna and replace it with a dummy load. Once you have attempted that test, let us know. That is the next logical step. Once you have completed that step report back to us.
Eugene

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, August 24, 2015 10:32 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Help Needed with RF-382!!!

Hello good night,keeps giving the same error,even using the N connector to antenna or Whip antenna.
"HV"?
I did not recognize the error indicated by the LED F0-F1-F3 and the K8 not bip.

Thanks good night Eugene.

Best regards,

Bruno Schagas.
To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com

Date: Sun, 23 Aug 2015 18:59:01 -0700
Subject: RE: [harris-radio] Help Needed with RF-382!!!

What happens when you use a 50 ohm load on the output of coupler? Either between the HV standoff and the ground or if the coupler has the 50 ohm N connector output then use that.
Eugene From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, August 23, 2015 9:06 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Help Needed with RF-382!!! Hello good night friends problem inRF-382 A-04 is in error not complete the coupling someone can identify the problem and show me how to do the concert,my technician friend could not find the problem.

Thanks good night73.

Best regards,

Bruno Schagas-EB18BC/Brazilian Army.

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Video
Harris RF-382A Coupler
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[Non-text portions of this message have been removed]

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Do you need a domain name and don't want to pay a lot for it?
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www.2mypc.net

Yahoo Groups Links

2613. Re: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-25 14:45:49 UTC
From: JMW
Topic: 2605 Message: 2613

No, it cannot be "modded". It is a non linear, reactive output. That is why you need a coupler aka transmatch. And while the dummy load test may help, it is not conclusive. I had a similar issue on a transmitter and was in the process of replacing a 35 foot whip. One of my associates had emptied the shop and brought along a spectrum analyzer. While unpacking the antenna, we fired up the analyzer and looked at the output of the transmitter. It looked like a forest, one of the filter caps in the power supply had become unscrewed. As it shifted and arced the VFO jumped around causing unbelievable spurs. The coupler could not find a specific "frequency" to tune to, timed out and sent out an error code. Maybe, just maybe

On 08/25/2015 03:46 AM, Stuart Mckinnon Stuartjmckinnon@...
[harris-radio] wrote:
>
> Eugene and crew
> Your doing a great job trying to help bruno
> Well done
> It's about time I tested my 382, it is the early version, with no N
> connector, can it be modded, was there a modification to add the
> facility of 50 ohm coax output ?
> Cheers all
> Stuart
> G0TBI/P RAF Cranwell Lincolnshire
> -----Original Message-----
> From: W2HX w2hx@... [harris-radio] <harris-radio@yahoogroups.com>
> To: harris-radio <harris-radio@yahoogroups.com>
> Sent: Tue, 25 Aug 2015 3:44
> Subject: RE: [harris-radio] Help Needed with RF-382!!!
>
> Try again. Forget any antenna. Do not use any antenna. Use a dummy
> load only on the output of the coupler HV=high voltage it represents
> the insulated standoff to connect a wire-based antenna. Please try to
> use a dummy load on the output of the antenna coupler and see if the
> coupler can find a match. The problem is you have two variables. We
> cannot determine if the problem is with the antenna (variable 1) or
> with the coupler (variable 2). To eliminate one variable, we eliminate
> the antenna and replace it with a dummy load. Once you have attempted
> that test, let us know. That is the next logical step. Once you have
> completed that step report back to us.
> Eugene
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com
> <mailto:harris-radio@yahoogroups.com>

> [mailto:harris-radio@yahoogroups.com
> <mailto:harris-radio@yahoogroups.com?>]
> Sent: Monday, August 24, 2015 10:32 PM
> To: harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
> Subject: RE: [harris-radio] Help Needed with RF-382!!!
>
> Hello good night,keeps giving the same error,even using the N
> connector to antenna or Whip antenna.
> "HV"?
> I did not recognize the error indicated by the LED F0-F1-F3 and the K8
> not bip.
>
> Thanks good night Eugene.
>
> Best regards,
>
> Bruno Schagas.
> To: harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
> From: harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
> Date: Sun, 23 Aug 2015 18:59:01 -0700
> Subject: RE: [harris-radio] Help Needed with RF-382!!!
>
> What happens when you use a 50 ohm load on the output of coupler?
> Either between the HV standoff and the ground or if the coupler has
> the 50 ohm N connector output then use that. Eugene From:
> harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
> [mailto:harris-radio@yahoogroups.com
> <mailto:harris-radio@yahoogroups.com?>]
> Sent: Sunday, August 23, 2015 9:06 PM
> To: harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
> Subject: [harris-radio] Help Needed with RF-382!!! Hello good night
> friends problem inRF-382 A-04 is in error not complete the coupling
> someone can identify the problem and show me how to do the concert,my
> technician friend could not find the problem.
>
> Thanks good night73.
>
> Best regards,
>
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>
> Photos.
> https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529/lightbox/149292
0301?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1492920301
>
> https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529
>
> Video
> Harris RF-382A Coupler
> Harris RF-382A Coupler Test Harris RF-382A Coupler,RF-5034P.A

> 400E,RF-5022R/T(E) in frequency 27.7750Mhz,27.0750Mhz,14.2500Mhz and
> 07.1400Mhz no Tx Tune Fault in ...View on www.youtube.com
> <http://www.youtube.com> Preview by Yahoo
>
>
>
>
>
>
> [Non-text portions of this message have been removed]
>
> ---
>
> ---
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way
> to get to you PC from outside your home or business?
>
> www.2mypc.net <http://www.2mypc.net>
> ---
>
> Yahoo Groups Links
>
>

2614. Re: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-25 18:21:23 UTC
From: steve@...
Topic: 2605 Message: 2614

Stuart,
It was a factory change which made the 50 ohm port. It is so the coupler can be used as a line flatner with broadband antennas. There are mechanical, electrical and software changes so modification would not be possible. You can get pretty much the same result by connecting an N connector between the HV post and ground keeping aware that at some impedances it could arc.

Steve KD2OM

2615. RE: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-25 17:42:28 UTC
From: W2HX
Topic: 2605 Message: 2615

Good point on the coupler not getting a single frequency to tune. I would suggest another test for Bruno. Put the transmitter (before the coupler) into a dummy load. Using a separate receiver, tune to the same frequency. On the transmitter hold the CW key down and listen for the CW note on the receiver. It should be steady and narrow in sound. If the transmitter frequency is bouncing around, then the CW note will sound “funny.”

As for adding a 50 ohm port, yes I believe it can be done. The RF-382A with that option has a cover over the N connector. The cover acts like a switch when you move the cover to reveal the port. When the switch is activated two things happen. First a relay moves the wire going to the HV insulator to the center conductor of the N connector. The second thing that happens is a retune pulse is created by momentarily grounding the retune control line. This will cause the system to retune the next time the keyline is asserted from the transmitter with RF power present.

I believe this retune can be eliminated if you don’t plan to connect/disconnect the coax line regularly and while the system is powered up. If this is done only when the coupler is powered off, I believe you can ignore this feature. And you would simply be left with the need to switch the HV wire. And because I am a heretic, I would even suggest you could just parallel the HV insulator and center conductor of the N connector. You can only use one or the other for an antenna, but the wire is only a few inches long. That kind of a stub would make a small bump at HF (if at all. Most likely the bump would be at VHF or above) and the coupler could probably tune it out anyway. Just cover the HV insulator so no one can accidentally touch it.

I don’t know with certainty that my idea above would work (ignore the retune and just parallel the HV wire) but I have a hunch it would work pretty well.

Good luck
Eugene

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, August 25, 2015 10:46 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Help Needed with RF-382!!!

No, it cannot be "modded". It is a non linear, reactive output. That is why you need a coupler aka transmatch. And while the dummy load test may help, it is not conclusive. I had a similar issue on a transmitter and was in the process of replacing a 35 foot whip. One of my associates had emptied the shop and brought along a spectrum analyzer. While unpacking the antenna, we fired up the analyzer and looked at the output of the transmitter. It looked like a forest, one of the filter caps in the power supply had become unscrewed. As it shifted and arced the VFO jumped around causing unbelievable spurs. The coupler could not find a specific "frequency" to tune to, timed out and sent out an error code.
Maybe, just maybe

On 08/25/2015 03:46 AM, Stuart Mckinnon
Stuartjmckinnon@aol.com<mailto:Stuartjmckinnon@aol.com> [harris-radio] wrote:

Eugene and crew

Your doing a great job trying to help bruno

Well done

It's about time I tested my 382, it is the early version, with no N connector, can it be modded, was there a modification to add the facility of 50 ohm coax output ?

Cheers all

Stuart
G0TBI/P RAF Cranwell Lincolnshire

-----Original Message-----
From: W2HX w2hx@w2hx.com<mailto:w2hx@w2hx.com> [harris-radio]
<harris-radio@yahoogroups.com><mailto:harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com><mailto:harris-radio@yahoogroups.com>
Sent: Tue, 25 Aug 2015 3:44
Subject: RE: [harris-radio] Help Needed with RF-382!!!

Try again. Forget any antenna. Do not use any antenna. Use a dummy load only on the output of the coupler HV=high voltage it represents the insulated standoff to connect a wire-based antenna. Please try to use a dummy load on the output of the antenna coupler and see if the coupler can find a match. The problem is you have two variables. We cannot determine if the problem is with the antenna (variable 1) or with the coupler (variable 2). To eliminate one variable, we eliminate the antenna and replace it with a dummy load. Once you have attempted that test, let us know. That is the next logical step. Once you have completed that step report back to us.
Eugene

-----Original Message-----
From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
[mailto:harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com?>]
Sent: Monday, August 24, 2015 10:32 PM
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"HV"?
I did not recognize the error indicated by the LED F0-F1-F3 and the K8 not bip.

Thanks good night Eugene.

Best regards,

Bruno Schagas.
To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Date: Sun, 23 Aug 2015 18:59:01 -0700

Subject: RE: [harris-radio] Help Needed with RF-382!!!

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Thanks good night73.

Best regards,

Bruno Schagas-EB18BC/Brazilian Army.

Photos.
https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529/lightbox/1492920301?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1492920301

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Video
Harris RF-382A Coupler
Harris RF-382A Coupler Test Harris RF-382A Coupler,RF-5034P.A 400E,RF-5022R/T(E) in frequency 27.7750Mhz,27.0750Mhz,14.2500Mhz and 07.1400Mhz no Tx Tune Fault in ...View on www.youtube.com<http://www.youtube.com> Preview by Yahoo

[Non-text portions of this message have been removed]

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Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.net<http://www.2mypc.net>

Yahoo Groups Links

2616. Re: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-25 19:50:37 UTC
From: Stuart Mckinnon
Topic: 2605 Message: 2616

OK steve

Thanks for that info, so in essence just a short stub piece of coax split going to insulator and earth of coupler?

Stuart
G0TBI

-----Original Message-----
From: steve@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Tue, 25 Aug 2015 19:21
Subject: Re: [harris-radio] Help Needed with RF-382!!!

Stuart,
It was a factory change which made the 50 ohm port. It is so the coupler can be used as a line flatner with broadband antennas. There are mechanical, electrical and software changes so modification would not be possible. You can get pretty much the same result by connecting an N connector between the HV post and ground keeping aware that at some impedances it could arc.

Steve KD2OM

2617. Re: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-25 19:55:31 UTC
From: Stuart Mckinnon
Topic: 2605 Message: 2617

Again

Thanks Eugene for the tips

Cant wait to check out my coupler now the months are drawing on towards winter

Cheers

Stuart
G0TBI

-----Original Message-----
From: W2HX w2hx@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Tue, 25 Aug 2015 19:58
Subject: RE: [harris-radio] Help Needed with RF-382!!!

Good point on the coupler not getting a single frequency to tune. I would suggest another test for Bruno. Put the transmitter (before the coupler) into a dummy load. Using a separate receiver, tune to the same frequency. On the transmitter hold the CW key down and listen for the CW note on the receiver. It should be steady and narrow in sound. If the transmitter frequency is bouncing around, then the CW note will sound “funny.”

As for adding a 50 ohm port, yes I believe it can be done. The RF-382A with that option has a cover over the N connector. The cover acts like a switch when you move the cover to reveal the port. When the switch is activated two things happen. First a relay moves the wire going to the HV insulator to the center conductor of the N connector. The second thing that happens is a retune pulse is created by momentarily grounding the retune control line. This will cause the system to retune the next time the keyline is asserted from the transmitter with RF power present.

I believe this retune can be eliminated if you don’t plan to connect/disconnect the coax line regularly and while the system is powered up. If this is done only when the coupler is powered off, I believe you can ignore this feature. And you would simply be left with the need to switch the HV wire. And because I am a heretic, I would even suggest you could just parallel the HV insulator and center conductor of the N connector. You can only use one or the other for an antenna, but the wire is only a few inches long. That kind of a stub would make a small bump at HF (if at all. Most likely the bump would be at VHF or above) and the coupler could probably tune it out anyway. Just cover the HV insulator so no one can accidentally touch it.

I don’t know with certainty that my idea above would work (ignore the retune and just parallel the HV wire) but I have a hunch it would work pretty well.

Good luck

Eugene

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, August 25, 2015 10:46 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Help Needed with RF-382!!!

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Maybe, just maybe

On 08/25/2015 03:46 AM, Stuart Mckinnon Stuartjmckinnon@... [harris-radio] wrote:

Eugene and crew

Your doing a great job trying to help bruno

Well done

It's about time I tested my 382, it is the early version, with no N connector, can it be modded, was there a modification to add the facility of 50 ohm coax output ?

Cheers all

Stuart

G0TBI/P RAF Cranwell Lincolnshire

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From: W2HX w2hx@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Tue, 25 Aug 2015 3:44
Subject: RE: [harris-radio] Help Needed with RF-382!!!

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Eugene

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From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, August 24, 2015 10:32 PM
To: harris-radio@yahoogroups.com

Subject: RE: [harris-radio] Help Needed with RF-382!!!

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"HV"?
I did not recognize the error indicated by the LED F0-F1-F3 and the K8 not bip.

Thanks good night Eugene.

Best regards,

Bruno Schagas.
To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Sun, 23 Aug 2015 18:59:01 -0700
Subject: RE: [harris-radio] Help Needed with RF-382!!!

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Sent: Sunday, August 23, 2015 9:06 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Help Needed with RF-382!!! Hello good night friends problem inRF-382 A-04 is in error not complete the coupling someone can identify the problem and show me how to do the concert,my technician friend could not find the problem.

Thanks good night73.

Best regards,

Bruno Schagas-EB18BC/Brazilian Army.

Photos.
https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529/lightbox/1492920301?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1492920301

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529

Video
Harris RF-382A Coupler
Harris RF-382A Coupler Test Harris RF-382A Coupler,RF-5034P.A 400E,RF-5022R/T(E) in frequency 27.7750Mhz,27.0750Mhz,14.2500Mhz and 07.1400Mhz no Tx Tune Fault in ...View on www.youtube.com Preview by Yahoo

[Non-text portions of this message have been removed]

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Are you with an ISP that gives you a dynamic IP?
Do you need a domain name and don't want to pay a lot for it?

Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

www.2mypc.net

Yahoo Groups Links

2618. Re: Help Needed with RF-382!!!☐

Yahoo group: harris-radio
Date: 2015-08-25 22:00:29 UTC
From: mbchagasl@...
Topic: 2618 Message: 2618

Hello good night personal thank yoy very much for helping me I thank everyone and any hint and repair of information is of great help ok for 382,5034,5022,now is that this problem may be related to the P.A 5034 and not with the coupler 382,the P.A may be damaged and is affecting the coupler,P.A circuit A3 in CR101 and CR102 Diode 1N5298 they are giving reading on both sides I removed them from the board to make the test.
Sorry my english not good.

Thank you all good night.
Stuart
Eugene
W2HX
Steve
JMW
Jim
...

Best regards,

Bruno Schagas.

2619. Re: [harris-radio] Re: Help Needed with RF-382!!! ☐

Yahoo group: harris-radio
Date: 2015-08-25 22:25:55 UTC
From: Jim
Topic: 2618 Message: 2619

Don't keep us in suspense. What is wrong? and your English is just fine, not one person misunderstood you. Italiano? Where?

On 8/25/2015 7:00 PM, mbchagasl@... [harris-radio] wrote:
>
> Hello good night personal thank yoy very much for helping me I thank
> everyone and any hint and repair of information is of great help ok
> for 382,5034,5022,now is that this problem may be related to the P.A
> 5034 and not with the coupler 382,the P.A may be damaged and is
> affecting the coupler,P.A circuit A3 in CR101 and CR102 Diode 1N5298
> they are giving reading on both sides I removed them from the board to
> make the test.
> Sorry my english not good.
>
> Thank you all good night.
> Stuart
> Eugene
> W2HX
> Steve
> JMW
> Jim
> ...
>
> Best regards,
>
> Bruno Schagas.
>
>
>

2620. RE: [harri s-radio] R e: Help Ne eded with RF-382!!!☐

Yahoo group: harris-radio
Date: 2015-08-26 00:20:25 UTC
From: Bruno Schagas
Topic: 2618 Message: 2620

Hello good night,not Italian ok Brazil but not of Latin origin austrian,german,french and Portuguese,I used the spectrum analyzer he gave a power 25w and the analyzer reported low power (failure) anyone have any tips?

Thanks good night.

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Tue, 25 Aug 2015 19:25:55 -0300
Subject: Re: [harris-radio] Re: Help Needed with RF-382!!!☐

Don't keep us in suspense. What is wrong? and your English is just
fine, not one person misunderstood you. Italiano? Where?

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any hint and
repair of
information is of great help ok for 382,5034,5022,now
is that
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5034 and not with the
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may be damaged and is
affecting the coupler,P.A
circuit A3 in CR101 and CR102 Diode 1N5298 they
are giving reading
on both sides I
removed them from the board to make the test.

Sorry my english not good.

Thank you all good night.

Stuart

Eugene

W2HX

Steve

JMW

Jim

...

Best regards,

Bruno Schagas.

2621. RE: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-26 00:26:08 UTC
From: Bruno Schagas
Topic: 2605 Message: 2621

Hello good night,I used the spectrum analyzer he gave a power 25w and the analyzer reported low power (failure) anyone have any tips?

Thanks good night.

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Tue, 25 Aug 2015 15:55:31 -0400
Subject: Re: [harris-radio] Help Needed with RF-382!!!

Again

Thanks Eugene for the tips

Cant wait to check out my coupler now the months are drawing on towards winter

Cheers

Stuart

G0TBI

-----Original Message-----

From: W2HX w2hx@... [harris-radio] <harris-radio@yahoogroups.com>

To: harris-radio <harris-radio@yahoogroups.com>

Sent: Tue, 25 Aug 2015 19:58

Subject: RE: [harris-radio] Help Needed with RF-382!!!

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Eugene and crew

Your doing a great job trying to help bruno

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It's about time I tested my 382, it is the early version, with no N connector, can it be modded, was there a modification to add the facility of 50 ohm coax output ?

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G0TBI/P RAF Cranwell Lincolnshire

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To: harris-radio <harris-radio@yahoogroups.com>

Sent: Tue, 25 Aug 2015 3:44

Subject: RE: [harris-radio] Help Needed with RF-382!!!

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Eugene

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From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]

Sent: Monday, August 24, 2015 10:32 PM

To: harris-radio@yahoogroups.com

Subject: RE: [harris-radio] Help Needed with RF-382!!!

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Subject: RE: [harris-radio] Help Needed with RF-382!!!

What happens when you use a 50 ohm load on the output of coupler? Either between the HV standoff and the ground or if the coupler has the 50 ohm N connector output then use that. Eugene From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]

Sent: Sunday, August 23, 2015 9:06 PM

To: harris-radio@yahoogroups.com

Subject: [harris-radio] Help Needed with RF-382!!! Hello good night friends problem inRF-382 A-04 is in error not complete the coupling someone can identify the problem and show me how to do the concert,my technician friend could not find the problem.

Thanks good night73.

Best regards,

Bruno Schagas-EB18BC/Brazilian Army.

Photos.

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529/lightbox/1492920301?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1492920301

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Video

Harris RF-382A Coupler

Harris RF-382A Coupler Test Harris RF-382A Coupler,RF-5034P.A 400E,RF-5022R/T(E) in frequency 27.7750Mhz,27.0750Mhz,14.2500Mhz and 07.1400Mhz no Tx Tune Fault in ...View on www.youtube.com Preview by Yahoo

[Non-text portions of this message have been removed]

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Do you need a domain name and don't want to pay a lot for it?

Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?

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Yahoo Groups Links

2622. RE: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-26 00:27:52 UTC
From: Bruno Schagas
Topic: 2605 Message: 2622

Hello good night,I used the spectrum analyzer he gave a power 25w and the analyzer reported low power (failure) anyone have any tips?

Thanks good night.

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Tue, 25 Aug 2015 10:42:28 -0700
Subject: RE: [harris-radio] Help Needed with RF-382!!!

Good point on the coupler not getting a single frequency to tune. I would suggest another test for Bruno. Put the transmitter (before the coupler) into a dummy load. Using a separate receiver, tune to the same frequency. On the transmitter hold the CW key down and listen for the CW note on the receiver. It should be steady and narrow in sound. If the transmitter frequency is bouncing around, then the CW note will sound “funny.” As for adding a 50 ohm port, yes I believe it can be done. The RF-382A with that option has a cover over the N connector. The cover acts like a switch when you move the cover to reveal the port. When the switch is activated two things happen. First a relay moves the wire going to the HV insulator to the center conductor of the N connector. The second thing that happens is a retune pulse is created by momentarily grounding the retune control line. This will cause the system to retune the next time the keyline is asserted from the transmitter with RF power present. I believe this retune can be eliminated if you don’t plan to connect/disconnect the coax line regularly and while the system is powered up. If this is done only when the coupler is powered off, I believe you can ignore this feature. And you would simply be left with the need to switch the HV wire. And because I am a heretic, I would even suggest you could just parallel the HV insulator and center conductor of the N connector. You can only use one or the other for an antenna, but the wire is only a few inches long. That kind of a stub would make a small bump at HF (if at all. Most likely the bump would be at VHF or above) and the coupler could probably tune it out anyway. Just cover the HV insulator so no one can accidentally touch it. I don’t know with certainty that my idea above would work (ignore the retune and just parallel the HV wire) but I have a hunch it would work pretty well. Good luckEugene 73 Eugene W2HX From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, August 25, 2015 10:46 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Help Needed with RF-382!!! No, it cannot be "modded". It is a non linear, reactive output. That is why you need a coupler aka transmatch. And while the dummy load test may help, it is not conclusive. I had a similar issue on a transmitter and was in the process of replacing a 35 foot whip. One of my associates had emptied the shop and brought along a spectrum analyzer. While unpacking the antenna, we fired up the analyzer and looked at the output of the transmitter. It looked like a forest, one of the filter caps in the power supply had become unscrewed. As it shifted and arced the VFO jumped around causing unbelievable spurs. The coupler could not find a specific "frequency" to tune to, timed out and sent out an error code.
Maybe, just maybe

On 08/25/2015 03:46 AM, Stuart Mckinnon Stuartjmckinnon@... [harris-radio] wrote: Eugene and crew Your doing a great job trying to help bruno Well done It's about time I tested my 382, it is the early version, with no N connector, can it be modded, was there a modification to add the facility of 50 ohm coax output ? Cheers all StuartG0TBI/P RAF Cranwell Lincolnshire -----Original Message-----
From: W2HX w2hx@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Tue, 25 Aug 2015 3:44
Subject: RE: [harris-radio] Help Needed with RF-382!!! Try again. Forget any antenna. Do not use any antenna. Use a dummy load only on the output of the coupler HV=high voltage it represents the insulated standoff to connect a wire-based antenna. Please try to use a dummy load on the output of the antenna coupler and see if the coupler can find a match. The problem is you have two variables. We cannot determine if the problem is with the antenna (variable 1) or with the coupler (variable 2). To eliminate one variable, we eliminate the antenna and replace it with a dummy load. Once you have attempted that test, let us know. That is the next logical step. Once you have completed that step report back to us.
Eugene

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, August 24, 2015 10:32 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Help Needed with RF-382!!!

Hello good night,keeps giving the same error,even using the N connector to antenna or Whip antenna.
"HV"?
I did not recognize the error indicated by the LED F0-F1-F3 and the K8 not bip.

Thanks good night Eugene.

Best regards,

Bruno Schagas.
To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Sun, 23 Aug 2015 18:59:01 -0700
Subject: RE: [harris-radio] Help Needed with RF-382!!!

What happens when you use a 50 ohm load on the output of coupler? Either between the HV standoff and the ground or if the coupler has the 50 ohm N connector output then use that.
Eugene From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, August 23, 2015 9:06 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Help Needed with RF-382!!! Hello good night friends problem inRF-382 A-04 is in error not complete the coupling someone can identify the problem and show me how to do the concert,my technician friend could not find the problem.

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Yahoo Groups Links

2623. Re: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-25 23:59:28 UTC
From: Jim
Topic: 2605 Message: 2623

Ahhhh Brazil, even better beaches than here in P.R. How many
transistors? Is it low power on across the entire band?

On 8/25/2015 9:27 PM, Bruno Schagas bruno_chagas_leite@...
[harris-radio] wrote:
>
> Hello good night,I used the spectrum analyzer he gave a power 25w and
> the analyzer reported low power (failure) anyone have any tips?
>
> Thanks good night.
>
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> To: harris-radio@yahoogroups.com
> From: harris-radio@yahoogroups.com
> Date: Tue, 25 Aug 2015 10:42:28 -0700
> Subject: RE: [harris-radio] Help Needed with RF-382!!!
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> Good point on the coupler not getting a single frequency to tune. I
> would suggest another test for Bruno. Put the transmitter (before the
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> the CW note on the receiver. It should be steady and narrow in sound.
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> RF-382A with that option has a cover over the N connector. The cover
> acts like a switch when you move the cover to reveal the port. When
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> wire going to the HV insulator to the center conductor of the N
> connector. The second thing that happens is a retune pulse is created
> by momentarily grounding the retune control line. This will cause the
> system to retune the next time the keyline is asserted from the
> transmitter with RF power present.
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> I believe this retune can be eliminated if you don?t plan to
> connect/disconnect the coax line regularly and while the system is
> powered up. If this is done only when the coupler is powered off, I
> believe you can ignore this feature. And you would simply be left with
> the need to switch the HV wire. And because I am a heretic, I would
> even suggest you could just parallel the HV insulator and center
> conductor of the N connector. You can only use one or the other for an
> antenna, but the wire is only a few inches long. That kind of a stub
> would make a small bump at HF (if at all. Most likely the bump would

> be at VHF or above) and the coupler could probably tune it out anyway.
> Just cover the HV insulator so no one can accidentally touch it.
>
> I don?t know with certainty that my idea above would work (ignore the
> retune and just parallel the HV wire) but I have a hunch it would work
> pretty well.
>
> Good luck
>
> Eugene
>
> 73 Eugene W2HX
>
> *From:*harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> *Sent:* Tuesday, August 25, 2015 10:46 AM
> *To:* harris-radio@yahoogroups.com
> *Subject:* Re: [harris-radio] Help Needed with RF-382!!!
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> No, it cannot be "modded". It is a non linear, reactive output. That
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> my associates had emptied the shop and brought along a spectrum
> analyzer. While unpacking the antenna, we fired up the analyzer and
> looked at the output of the transmitter. It looked like a forest, one
> of the filter caps in the power supply had become unscrewed. As it
> shifted and arced the VFO jumped around causing unbelievable spurs.
> The coupler could not find a specific "frequency" to tune to, timed
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> Maybe, just maybe
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> On 08/25/2015 03:46 AM, Stuart Mckinnon Stuartjmckinnon@...
> <mailto:Stuartjmckinnon@...> [harris-radio] wrote:
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> Eugene and crew
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> Your doing a great job trying to help bruno
>
> Well done
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> It's about time I tested my 382, it is the early version, with no
> N connector, can it be modded, was there a modification to add the
> facility of 50 ohm coax output ?
>
> Cheers all
>
> Stuart
>
> G0TBI/P RAF Cranwell Lincolnshire
>

> -----Original Message-----
> From: W2HX w2hx@... <mailto:w2hx@...> [harris-radio]
> <harris-radio@yahoogroups.com> <mailto:harris-radio@yahoogroups.com>
> To: harris-radio <harris-radio@yahoogroups.com>
> <mailto:harris-radio@yahoogroups.com>
> Sent: Tue, 25 Aug 2015 3:44
> Subject: RE: [harris-radio] Help Needed with RF-382!!!
>
> Try again. Forget any antenna. Do not use any antenna. Use a dummy
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> represents the insulated standoff to connect a wire-based antenna.
> Please try to use a dummy load on the output of the antenna
> coupler and see if the coupler can find a match. The problem is
> you have two variables. We cannot determine if the problem is with
> the antenna (variable 1) or with the coupler (variable 2). To
> eliminate one variable, we eliminate the antenna and replace it
> with a dummy load. Once you have attempted that test, let us know.
> That is the next logical step. Once you have completed that step
> report back to us.
> Eugene
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> From: harris-radio@yahoogroups.com
> <mailto:harris-radio@yahoogroups.com>
> [mailto:harris-radio@yahoogroups.com
> <mailto:harris-radio@yahoogroups.com?>]
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> To: harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
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> I did not recognize the error indicated by the LED F0-F1-F3 and
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> From: harris-radio@yahoogroups.com
> <mailto:harris-radio@yahoogroups.com>
> Date: Sun, 23 Aug 2015 18:59:01 -0700
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> [mailto:harris-radio@yahoogroups.com
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> coupling someone can identify the problem and show me how to do
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> [Non-text portions of this message have been removed]
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> Do you need a domain name and don't want to pay a lot for it?
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> www.2mypc.net <http://www.2mypc.net>
> ---
>

> Yahoo Groups Links
>
>
>

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

2624. Re: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-26 01:13:17 UTC
From: Peter Gottlieb
Topic: 2605 Message: 2624

I don't know the 382 that well so take this for what it's worth (i.e., not very much).

Tuning certain combinations of antenna and frequency can result in VERY high RF voltages, possibly enough to arc over the N connector. However, if you're going to only be using it, then you'd have that possibility regardless. I wonder if they have a higher flashover voltage when mated? I run LMR-400 from my 382 to a balun feeding ladder line to an inverted Vee. I didn't put an N on my coupler (it's too beautiful and new), rather, just stripped the end of a piece of coax and connected the center to the HV insulator and shield to the ground stud. Want to talk heresy? I got that in my setup in spades. Ok, one more... there seems to be a lot more lightning so I have a Polyphaser in there as well. I guess my antenna voltages aren't great enough to arc over the Polyphaser, right? And so certainly not enough to arc over the N connectors in there.

Peter

On 8/25/2015 7:59 PM, Jim jmwelk@... [harris-radio] wrote:
>
> Ahhhh Brazil, even better beaches than here in P.R. How many transistors? Is
> it low power on across the entire band?
>
>
> On 8/25/2015 9:27 PM, Bruno Schagas bruno_chagas_leite@...
> [harris-radio] wrote:
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>> Hello good night,I used the spectrum analyzer he gave a power 25w and the
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>> Thanks good night.
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>> ---
>> To: harris-radio@yahoogroups.com
>> From: harris-radio@yahoogroups.com
>> Date: Tue, 25 Aug 2015 10:42:28 -0700
>> Subject: RE: [harris-radio] Help Needed with RF-382!!!
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>> Good point on the coupler not getting a single frequency to tune. I would
>> suggest another test for Bruno. Put the transmitter (before the coupler) into
>> a dummy load. Using a separate receiver, tune to the same frequency. On the
>> transmitter hold the CW key down and listen for the CW note on the receiver.
>> It should be steady and narrow in sound. If the transmitter frequency is
>> bouncing around, then the CW note will sound ?funny.?
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>> As for adding a 50 ohm port, yes I believe it can be done. The RF-382A with

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>> from the transmitter with RF power present.
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>> I don?t know with certainty that my idea above would work (ignore the retune
>> and just parallel the HV wire) but I have a hunch it would work pretty well.
>>
>> Good luck
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>> Eugene
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>> 73 Eugene W2HX
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>> *From:*harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
>> *Sent:* Tuesday, August 25, 2015 10:46 AM
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>> Yahoo Groups Links
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> ----------
> Avast logo <https://www.avast.com/antivirus>
>
> This email has been checked for viruses by Avast antivirus software.
> www.avast.com <https://www.avast.com/antivirus>
>
>
>

2625. RE: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-26 03:49:41 UTC
From: Bruno Schagas
Topic: 2605 Message: 2625

Hi yes in all bands.

Good night.

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Tue, 25 Aug 2015 20:59:28 -0300
Subject: Re: [harris-radio] Help Needed with RF-382!!!

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Thanks good night.

To: harris-radio@yahoogroups.com

From: harris-radio@yahoogroups.com

Date: Tue, 25 Aug 2015 10:42:28 -0700

Subject: RE: [harris-radio] Help Needed with RF-382!!!

Good
point on the coupler not getting a single
frequency to tune. I would suggest another
test for Bruno. Put the transmitter (before
the coupler) into a dummy load. Using a
separate receiver, tune to the same
frequency. On the transmitter hold the CW
key down and listen for the CW note on the
receiver. It should be steady and narrow in
sound. If the transmitter frequency is
bouncing around, then the CW note will sound
“funny.”

As
for adding a 50 ohm port, yes I believe it
can be done. The RF-382A with that option

has a cover over the N connector. The cover acts like a switch when you move the cover to reveal the port. When the switch is activated two things happen. First a relay moves the wire going to the HV insulator to the center conductor of the N connector. The second thing that happens is a retune pulse is created by momentarily grounding the retune control line. This will cause the system to retune the next time the keyline is asserted from the transmitter with RF power present.

I
believe this retune can be eliminated if you don't plan to connect/disconnect the coax line regularly and while the system is powered up. If this is done only when the coupler is powered off, I believe you can ignore this feature. And you would simply be left with the need to switch the HV wire. And because I am a heretic, I would even suggest you could just parallel the HV insulator and center conductor of the N connector. You can only use one or the other for an antenna, but the wire is only a few inches long. That kind of a stub would make a small bump at HF (if at all. Most likely the bump would be at VHF or above) and the coupler could probably tune it out anyway. Just cover the HV insulator so no one can accidentally touch it.

I
don't know with certainty that my idea above would work (ignore the retune and just parallel the HV wire) but I have a hunch it would work pretty well.

Good
luck
Eugene

73
Eugene W2HX

From:
harris-radio@yahoogroups.com
[mailto:harris-radio@yahoogroups.com]

Sent: Tuesday, August 25, 2015
10:46 AM

To: harris-radio@yahoogroups.com

Subject: Re: [harris-radio] Help
Needed with RF-382!!!

No, it cannot be "modded". It is a non
linear, reactive output. That is why you
need a coupler aka transmatch. And while
the dummy load test may help, it is not
conclusive. I had a similar issue on a
transmitter and was in the process of
replacing a 35 foot whip. One of my
associates had emptied the shop and
brought along a spectrum analyzer. While
unpacking the antenna, we fired up the
analyzer and looked at the output of the
transmitter. It looked like a forest,
one of the filter caps in the power
supply had become unscrewed. As it
shifted and arced the VFO jumped around
causing unbelievable spurs. The coupler
could not find a specific "frequency" to
tune to, timed out and sent out an error
code.

Maybe, just maybe

On 08/25/2015
03:46 AM, Stuart Mckinnon Stuartjmckinnon@aol.com
[harris-radio] wrote:

Eugene
and crew

Your
doing a great job trying to help
bruno

Well
done

It's
about time I tested my 382, it
is the early version, with no N
connector, can it be modded, was
there a modification to add the
facility of 50 ohm coax output
?

Cheers
all

Stuart

G0TBI/P
RAF Cranwell Lincolnshire

-----Original
Message-----

From: W2HX w2hx@...
[harris-radio] <harris-radio@yahoogroups.com>

To: harris-radio <harris-radio@yahoogroups.com>

Sent: Tue, 25 Aug 2015 3:44

Subject: RE: [harris-radio] Help
Needed with RF-382!!!

Try
again. Forget any
antenna. Do not use
any antenna. Use a
dummy load only on
the output of the
coupler HV=high
voltage it
represents the
insulated standoff
to connect a
wire-based antenna.
Please try to use a
dummy load on the
output of the
antenna coupler and
see if the coupler
can find a match.
The problem is you
have two variables.
We cannot determine
if the problem is
with the antenna
(variable 1) or with
the coupler
(variable 2). To
eliminate one
variable, we
eliminate the
antenna and replace
it with a dummy
load. Once you have
attempted that test,
let us know. That is
the next logical
step. Once you have
completed that step

report back to us.

Eugene

-----Original
Message-----

From: harris-radio@yahoogroups.com
[mailto:harris-radio@yahoogroups.com]

Sent: Monday, August
24, 2015 10:32 PM

To: harris-radio@yahoogroups.com

Subject: RE:
[harris-radio] Help
Needed with
RF-382!!!

Hello good
night,keeps giving
the same error,even
using the N
connector to antenna
or Whip antenna.

"HV"?

I did not recognize
the error indicated
by the LED F0-F1-F3
and the K8 not bip.

Thanks good night
Eugene.

Best regards,

Bruno Schagas.

To: harris-radio@yahoogroups.com

From: harris-radio@yahoogroups.com

Date: Sun, 23 Aug
2015 18:59:01 -0700

Subject: RE:
[harris-radio] Help
Needed with
RF-382!!!

What happens when you use a 50 ohm load on the output of coupler? Either between the HV standoff and the ground or if the coupler has the 50 ohm N connector output then use that. Eugene From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]

Sent: Sunday, August 23, 2015 9:06 PM

To: harris-radio@yahoogroups.com

Subject: [harris-radio] Help Needed with RF-382!!! Hello good night friends problem inRF-382 A-04 is in error not complete the coupling someone can identify the problem and show me how to do the concert,my technician friend could not find the problem.

Thanks good night73.

Best regards,

Bruno Schagas-EB18BC/Brazilian Army.

Photos.

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529/lightbox/1492920301?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1492920301

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529

Video

Harris RF-382A Coupler

Harris RF-382A
Coupler Test Harris
RF-382A
Coupler,RF-5034P.A
400E,RF-5022R/T(E)
in frequency
27.7750Mhz,27.0750Mhz,14.2500Mhz
and 07.1400Mhz no Tx
Tune Fault in
...View on www.youtube.com
Preview by Yahoo

[Non-text portions
of this message have
been removed]

This Group Brought
to you by 2mypc

Are you with an ISP
that gives you a
dynamic IP?

Do you need a domain
name and don't want
to pay a lot for it?

Does your IP change
every day or even
every hour? and you
need a way to get to
you PC from outside
your home or
business?

www.2mypc.net

Yahoo Groups Links

This email has been checked for viruses by Avast antivirus software.

www.avast.com

2626. Re: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-26 08:01:14 UTC
From: Stuart Mckinnon
Topic: 2605 Message: 2626

Thanks peter

Very useful

Stuart
G0TBI

-----Original Message-----
From: Peter Gottlieb hpnpilot@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Wed, 26 Aug 2015 2:13
Subject: Re: [harris-radio] Help Needed with RF-382!!!

I don't know the 382 that well so take this for what it's worth (i.e., not very

much).

Tuning certain combinations of antenna and frequency can result in
VERY high RF
voltages, possibly enough to arc over the N connector. However,
if you're going
to only be using it, then you'd have that possibility
regardless. I wonder if
they have a higher flashover voltage when mated? I
run LMR-400 from my 382 to a
balun feeding ladder line to an inverted Vee. I
didn't put an N on my coupler
(it's too beautiful and new), rather, just
stripped the end of a piece of coax
and connected the center to the HV
insulator and shield to the ground stud.
Want to talk heresy? I got that in
my setup in spades. Ok, one more... there
seems to be a lot more lightning so
I have a Polyphaser in there as well. I
guess my antenna voltages aren't
great enough to arc over the Polyphaser,
right? And so certainly not enough
to arc over the N connectors in there.

Peter

On 8/25/2015 7:59 PM, Jim
jmwelk@... [harris-radio] wrote:
>
> Ahhhh Brazil, even better beaches
than here in P.R. How many transistors? Is

> it low power on across the entire
band?
>
>
> On 8/25/2015 9:27 PM, Bruno Schagas
bruno_chagas_leite@...
> [harris-radio] wrote:
>>
>> Hello good
night,I used the spectrum analyzer he gave a power 25w and the
>> analyzer
reported low power (failure) anyone have any tips?
>>
>> Thanks good
night.
>>
>>

>>
To: harris-radio@yahoogroups.com
>> From: harris-radio@...m
>>
Date: Tue, 25 Aug 2015 10:42:28 -0700
>> Subject: RE: [harris-radio] Help
Needed with RF-382!!!
>>
>>
>> Good point on the coupler not getting a single
frequency to tune. I would
>> suggest another test for Bruno. Put the
transmitter (before the coupler) into
>> a dummy load. Using a separate
receiver, tune to the same frequency. On the
>> transmitter hold the CW key
down and listen for the CW note on the receiver.
>> It should be steady and
narrow in sound. If the transmitter frequency is
>> bouncing around, then the
CW note will sound “funny.”
>>
>> As for adding a 50 ohm port, yes I believe
it can be done. The RF-382A with
>> that option has a cover over the N
connector. The cover acts like a switch
>> when you move the cover to reveal
the port. When the switch is activated two
>> things happen. First a relay
moves the wire going to the HV insulator to the
>> center conductor of the N
connector. The second thing that happens is a

>> retune pulse is created by
momentarily grounding the retune control line.
>> This will cause the system
to retune the next time the keyline is asserted
>> from the transmitter with
RF power present.
>>
>> I believe this retune can be eliminated if you don’t
plan to
>> connect/disconnect the coax line regularly and while the system is
powered
>> up. If this is done only when the coupler is powered off, I believe
you can
>> ignore this feature. And you would simply be left with the need to
switch the
>> HV wire. And because I am a heretic, I would even suggest you
could just
>> parallel the HV insulator and center conductor of the N
connector. You can
>> only use one or the other for an antenna, but the wire
is only a few inches
>> long. That kind of a stub would make a small bump at
HF (if at all. Most
>> likely the bump would be at VHF or above) and the
coupler could probably tune
>> it out anyway. Just cover the HV insulator so
no one can accidentally touch it.
>>
>> I don’t know with certainty that my
idea above would work (ignore the retune
>> and just parallel the HV wire) but
I have a hunch it would work pretty well.
>>
>> Good luck
>>
>>
Eugene
>>
>> 73 Eugene W2HX
>>
>> *From:*harris-radio@yahoogroups.com
[mailto:harris-radio@yahoogroups.com]
>> *Sent:* Tuesday, August 25, 2015 10:46
AM
>> *To:* harris-radio@yahoogroups.com
>> *Subject:* Re: [harris-radio] Help
Needed with RF-382!!!
>>
>> No, it cannot be "modded". It is a non linear,
reactive output. That is why

>> you need a coupler aka transmatch. And while
the dummy load test may help, it
>> is not conclusive. I had a similar issue
on a transmitter and was in the
>> process of replacing a 35 foot whip. One
of my associates had emptied the
>> shop and brought along a spectrum
analyzer. While unpacking the antenna, we
>> fired up the analyzer and looked
at the output of the transmitter. It looked
>> like a forest, one of the
filter caps in the power supply had become
>> unscrewed. As it shifted and
arced the VFO jumped around causing unbelievable
>> spurs. The coupler could
not find a specific "frequency" to tune to, timed
>> out and sent out an error
code.
>> Maybe, just maybe
>>
>> On 08/25/2015 03:46 AM, Stuart Mckinnon
Stuartjmckinnon@...
>> [harris-radio] wrote:
>>
>> Eugene and
crew
>>
>> Your doing a great job trying to help bruno
>>
>> Well
done
>>
>> It's about time I tested my 382, it is the early version, with
no N
>> connector, can it be modded, was there a modification to add the
facility
>> of 50 ohm coax output ?
>>
>> Cheers all
>>
>>
Stuart
>>
>> G0TBI/P RAF Cranwell Lincolnshire
>>
>> -----Original
Message-----
>> From: W2HX w2hx@... [harris-radio]
<harris-radio@yahoogroups.com>
>> To: harris-radio

<harris-radio@yahoogroups.com>
>> Sent: Tue, 25 Aug 2015 3:44
>>
Subject: RE: [harris-radio] Help Needed with RF-382!!!
>>
>> Try again.
Forget any antenna. Do not use any antenna. Use a dummy load
>> only on the
output of the coupler HV=high voltage it represents the
>> insulated
standoff to connect a wire-based antenna. Please try to use a
>> dummy load
on the output of the antenna coupler and see if the coupler
>> can find a
match. The problem is you have two variables. We cannot
>> determine if the
problem is with the antenna (variable 1) or with the
>> coupler (variable
2). To eliminate one variable, we eliminate the antenna
>> and replace it
with a dummy load. Once you have attempted that test, let
>> us know. That
is the next logical step. Once you have completed that step
>> report back
to us.
>> Eugene
>>
>> -----Original Message-----
>> From:
harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
>> Sent:
Monday, August 24, 2015 10:32 PM
>> To: harris-radio@yahoogroups.com
>>
Subject: RE: [harris-radio] Help Needed with RF-382!!!
>>
>> Hello good
night,keeps giving the same error,even using the N connector
>> to antenna
or Whip antenna.
>> "HV"?
>> I did not recognize the error indicated
by the LED F0-F1-F3 and the K8
>> not bip.
>>
>> Thanks good night
Eugene.
>>
>> Best regards,
>>

>> Bruno Schagas.
>> To:
harris-radio@yahoogroups.com
>> From: harris-radio@yahoogroups.com
>>
Date: Sun, 23 Aug 2015 18:59:01 -0700
>> Subject: RE: [harris-radio] Help
Needed with RF-382!!!
>>
>> What happens when you use a 50 ohm load on the
output of coupler? Either
>> between the HV standoff and the ground or if
the coupler has the 50 ohm N
>> connector output then use that. Eugene
From: harris-radio@yahoogroups.com
>>
[mailto:harris-radio@yahoogroups.com]
>> Sent: Sunday, August 23, 2015 9:06
PM
>> To: harris-radio@yahoogroups.com
>> Subject: [harris-radio] Help
Needed with RF-382!!! Hello good night
>> friends problem inRF-382 A-04 is
in error not complete the coupling
>> someone can identify the problem and
show me how to do the concert,my
>> technician friend could not find the
problem.
>>
>> Thanks good night73.
>>
>> Best regards,
>>
>>
Bruno Schagas-EB18BC/Brazilian Army.
>>
>> Photos.
>>
https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529/lightbox/14929203
01?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1492920301
>>
>>
https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529
>>
>>
Video
>> Harris RF-382A Coupler
>> Harris RF-382A Coupler Test Harris
RF-382A Coupler,RF-5034P.A
>> 400E,RF-5022R/T(E) in frequency

27.7750Mhz,27.0750Mhz,14.2500Mhz and
>> 07.1400Mhz no Tx Tune Fault in
...View on www.youtube.com Preview by Yahoo
>>
>>
>>
>>
>>
>>
>>
[Non-text portions of this message have been removed]
>>
>>

>>
>>

>>
>> This Group Brought to you by
2mypc
>>
>> Are you with an ISP that gives you a dynamic IP?
>> Do
you need a domain name and don't want to pay a lot for it?
>> Does your IP
change every day or even every hour? and you need a way to
>> get to you PC
from outside your home or business?
>>
>> www.2mypc.net
>>

>>
>> Yahoo Groups
Links
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>
>
>

>
Avast logo <https://www.avast.com/antivirus>
>
> This email has been checked
for viruses by Avast antivirus software.
> www.avast.com
<https://www.avast.com/antivirus>
>

>
>

This
Group Brought to you by 2mypc

Are you with an ISP that gives you a dynamic
IP?
Do you need a domain name and don't want to pay a lot for it?
Does your IP
change every day or even every hour? and you need a way to get to you PC from
outside your home or
business?

www.2mypc.net

Yahoo Groups
Links

(Yahoo! ID required)

harris-radio-fullfeatured@yahoogroups.com

https://info.yahoo.com/legal/us/yahoo/utos/terms/

2627. Re: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-26 16:29:01 UTC
From: steve@...
Topic: 2605 Message: 2627

Yes, that is correct. The switch on the N connector in the coupler basically just moves the wire from the HV to the N.

Steve

2628. rf-5000 cables

Yahoo group: harris-radio
Date: 2015-08-26 16:38:12 UTC
From: vk5abc@...
Topic: 2628 Message: 2628

Hello All

Anyone got information about the control cable which goes between rf-5022 and the RF-5031PA-125
as I need to fabricate one.

73's Lee

2629. Re: rf-5000 cables

Yahoo group: harris-radio
Date: 2015-08-26 16:56:55 UTC
From: steve@...
Topic: 2628 Message: 2629

Lee, The cable number is 10181-9822 and it is a pin for pin cable, i.e, A to A, B to B etc.

Did you get the email I sent awhile ago?

Steve KD2OM

2630. RE: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-26 20:10:42 UTC
From: Bruno Schagas
Topic: 2605 Message: 2630

Hello good afternoon,I used the spectrum analyzer he gave a power 25w and the analyzer reported low power (failure) anyone have any tips?

Thanks Steve.

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Wed, 26 Aug 2015 09:29:01 -0700
Subject: Re: [harris-radio] Help Needed with RF-382!!!

Yes, that is correct. The switch on the N connector in the coupler basically just moves the wire from the HV to the N.

Steve

2631. RE: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-26 20:34:04 UTC
From: steve@...
Topic: 2605 Message: 2631

Bruno,
If you have access to a spectrum analyzer with tracking generator you should check the harmonic filter assembly. If one or more relays are bad you will get no or low power. If components of the filters are bad which is not uncommon, they will have high losses and or bad impedance. An analyzer will show this. The capacitors in the filter do fail.

Steve KD2OM

2632. RE: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-08-27 01:22:28 UTC
From: Bruno Schagas
Topic: 2605 Message: 2632

Hello good night Steve ok thanks so that possible I will take the tests.

Thanks good night.
Best regards.
Bruno.

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Wed, 26 Aug 2015 13:34:04 -0700
Subject: RE: [harris-radio] Help Needed with RF-382!!!

Bruno,
If you have access to a spectrum analyzer with tracking generator you should check the harmonic filter assembly. If one or more relays are bad you will get no or low power. If components of the filters are bad which is not uncommon, they will have high losses and or bad impedance. An analyzer will show this. The capacitors in the filter do fail.

Steve KD2OM

2633. Re: rf-5000 cables

Yahoo group: harris-radio
Date: 2015-08-27 15:44:05 UTC
From: vk5abc@...
Topic: 2628 Message: 2633

Steve

Thanks for the email, yes I got your last email. My only concern is I was told that because there is two wire that are serial data they would have to be twisted. comments! btw I need to go from a 37 pin d type to a
MS3116E12-10P

73's Lee

2634. Re: rf-5000 cables

Yahoo group: harris-radio
Date: 2015-08-28 02:29:49 UTC
From: steve@...
Topic: 2628 Message: 2634

It is standard cable. The distance between the RT and the PA is specified somewhere but I know some installation where they were about 250 feet apart, the system worked fine. You should have no problem going from a 37 pin down to the 10 pin.
Steve

2635. Re: Harris PSU 24 v... AC powered PP37120

Yahoo group: harris-radio
Date: 2015-08-31 13:21:35 UTC
From: Stuartjmckinnon@...
Topic: 608 Message: 2635

Roland

I never did pick up a message inyahho mail, you can mail me direct on stuartjmckinnon@aol.com

Stuart
G0TBI

2636. RF-5051 PS

Yahoo group: harris-radio
Date: 2015-08-31 13:39:34 UTC
From: Stuartjmckinnon@...
Topic: 2636 Message: 2636

Hi Group

Does anyone have this operating card they could let me have on a pdf or some other media, as described here on American Milspec:

American Milspec, LLC - Harris RF-5051PS Power Cable and ground cable and operating card 10181-9831-009 un-used https://www.american-milspec.com/p-6630-harris-rf-5051ps-power-cable-and-ground-cable-and-operating-card-10181-9831-009-un-used.aspx

https://www.american-milspec.com/p-6630-harris-rf-5051ps-power-cable-and-ground-cable-and-operating-card-10181-9831-009-un-used.aspx

American Milspec, LLC - Harris RF-5051PS Power ... https://www.american-milspec.com/p-6630-harris-rf-5051ps-power-cable-and-ground-cable-and-operating-card-10181-9831-009-un-used.aspx Harris RF-5051PS Power Cable and ground cable and operating card 10181-9831-009 un-used

View on www.american-milspe... https://www.american-milspec.com/p-6630-harris-rf-5051ps-power-cable-and-ground-cable-and-operating-card-10181-9831-009-un-used.aspx
Preview by Yahoo

Any help appreciated, investigating why my supply trips?

Thank you

Stuart
G0TBI

2637. Re: RF-5051 PS

Yahoo group: harris-radio
Date: 2015-09-02 03:53:58 UTC
From: andersendl@...
Topic: 2636 Message: 2637

I believe I have what you are looking for. Contact me via email - my user name at yahoo.

andersendl

2638. Re: [harris-radio] Re: WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-09-07 19:18:12 UTC
From: Peter Gottlieb
Topic: 2589 Message: 2638

I finally got around to getting my receiver out of the stack and onto the bench.

The first converter has a RAY-6-1 mixer and a 10073 filter (40.455 MHz, 12.8 kHz 1dB BW).

So I guess no magic fixes for me. My reception is horrible, images and QRM everywhere. It might be the super strong AM BCB my antenna system picks up. I can barely pick up a single NDB.

I'll do the mod to the LSB AGC to reduce pumping and put it all back together.

Peter

On 8/17/2015 4:51 PM, steve@... [harris-radio] wrote:
>
> Also you might check what you actually have in your radio. The one of mine
> that I was using as a reference has the SAY-1 with 10073 filter. After the
> shock of the price of the mixer I reluctantly, because of the preselector and
> rack mounting opened my other receiver and it has the RAY-6 and 10085 filter
> already. Now I will have to do some testing to see the difference. I have
> always noted the the radio with the preselector is less sensitive so will have
> to bypass it to make a comparison.
>
> Now I am glad no one had a module for sale and that Surplus Sales was out of
> stock. I would have never thought the receivers would have different parts
> since the manual indicates that the RAY-6 is not standard in the Navy receiver.
>
> Steve KD2OM
>

2639. Re: WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-09-07 23:06:26 UTC
From: steve@...
Topic: 2589 Message: 2639

Peter, If you change the filter to the 10085-5020 filter it should help. Maybe a low pass filter like the ones Cliftonlabs sells would improve NDB reception.
What is the LSB AGC mod?

73
Steve KD2OM

2640. Re: [harris-radio] Re: WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-09-07 23:39:23 UTC
From: Peter Gottlieb
Topic: 2589 Message: 2640

The AGC has a somewhat disturbing (at least to me) kind of noisy impulse attack characteristic. Hard to describe exactly. I found that removal of a certain 100k resistor dramatically improves the listening quality. I had removed it in the regular AGC circuitry but hadn't realized that LSB AGC is in the A18 board. Today I removed (unsoldered one lead of) the equivalent resistor in A18.

I'll look for a LPF.

Where might I get a 10085-5020 filter?

Peter

On 9/7/2015 7:06 PM, steve@... [harris-radio] wrote:
>
> Peter,
>
> If you change the filter to the 10085-5020 filter it should help. Maybe a low
> pass filter like the ones Cliftonlabs sells would improve NDB reception.
> What is the LSB AGC mod?
>
> 73
> Steve KD2OM
>
>

2641. Re: [harris-radio] Re: WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-09-09 00:30:10 UTC
From: steve@...
Topic: 2589 Message: 2641

The 10085-5020 filter is used on the first converter of an RF-350K. There should be scrapped radios or spares kits available someplace. It would be really great if someone made a 40.455 MHz 3 kHz BW filter but I haven't found one.

Another issue to think about is that the IF filters suffer from blowby. You can reduce or eliminate it by adding a choke and cap to the filter select lines on each filter. Both the input and output lines need the mod.

I will check into the agc, I agree it could be better. One of my radios has a weird problem, the rf gain control doesn't do anything unless the agc is off. While troubleshooting that I will make the change to both audio boards.

Steve KD2OM

2642. Re: [harris-radio] Re: WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-09-09 01:32:38 UTC
From: Peter Gottlieb
Topic: 2589 Message: 2642

The 100k resistors are:

on A5, IF/Audio, R60 from U4 pin 2
on A18, ISB, R63 from U9 pin 10.

I have the preselector bypass wired to the NB button using the technique I wrote up a while back. Always good for 3-5 dB when trying to copy something really weak.

Something seems wrong with the AGC line in that receiver, I'd start by looking there.

I have a RF-350K I use all the time but don't have any spares except for the multivoltage power supply brick. I should do the resistor trick to keep the filter relays happy. I'll keep an eye out for spares but they seem to have dried up.

This is the first I heard of the IF filter blowby. Do you have further info on this, or what it is I need to filter against? The select lines are driven from op-amp/comparators, through a 100 ohm resistor then .47 uF to ground with 5.1k feeds to the PIN diodes. What is the leakage path?

So here's what I'm now wondering. Is there a way to slave the RF-350K frequency to the RF-590A's? I mean RF-wise, I'm sure the remote control interfaces could be used to do this, just wondering if it could be done with a simple franken-cabling arrangement between internals of both.

If I was going to the the remote control method, I would use a little micro which would plug into both control ports. It would read freq and mode from the 590A and send to the RF-350K on any change. Or you could just have a "handoff" button which would copy the 590A settings to the 350K.

Peter

On 9/8/2015 8:30 PM, steve@... [harris-radio] wrote:
>
> The 10085-5020 filter is used on the first converter of an RF-350K. There
> should be scrapped radios or spares kits available someplace. It would be
> really great if someone made a 40.455 MHz 3 kHz BW filter but I haven't found one.
>
> Another issue to think about is that the IF filters suffer from blowby. You
> can reduce or eliminate it by adding a choke and cap to the filter select
> lines on each filter. Both the input and output lines need the mod.
>
> I will check into the agc, I agree it could be better. One of my radios has a
> weird problem, the rf gain control doesn't do anything unless the agc is off.
> While troubleshooting that I will make the change to both audio boards.

>
> Steve KD2OM
>
>

2643. Re: [harris-radio] Re: WTB RF-590A or R-2368 1st Converter Assembly A2

Yahoo group: harris-radio
Date: 2015-09-09 23:04:44 UTC
From: steve@...
Topic: 2589 Message: 2643

Thanks for the details of the AGC mod. I will do it next time I have the receiver open.

The filter blowby is from the select lines. The mod is to put chokes in series and caps to ground. I have to call a guy to get the details. He worked on the gray radios at Harris while I was on the green ones.

It sounds like you want to lock the RF-590A synthesizer to the RF-350K so you would get a VFO. That would be cool for sure. There are products that might work but not RF wise. The RF-7210(A) works with either radio and might be able to be configured to control one of each. The RF-7405 works with the RF-590(A)/RF-1310(A) so also might work with the RF-350K.

I wish the Fldigi writer would support the RF-350K because it is a great radio to use for data modes. I have been using my RF-5000 system with Fldigi and now there is rudimentary control provided by one of the guy on this list.

Steve

2644. WTB: RF590 reference oscillator

Yahoo group: harris-radio
Date: 2015-09-12 01:58:26 UTC
From: Tom B
Topic: 2644 Message: 2644

Hello All,

I am looking for the 5 MHz oscillator module for an RF590. Mine is shorted and I am not ready to open it and fix it.
The one I have is a Cinox model T-346. The Harris part number is 10073-6600.

Tom Bryan
N3AJA

2645. Re: [harris-radio] WTB: RF590 reference oscillator

Yahoo group: harris-radio
Date: 2015-09-12 02:03:28 UTC
From: Peter Gottlieb
Topic: 2644 Message: 2645

If you can't find one they are repairable. Mine became intermittent and after not being able to find a replacement I managed to open it up and resolder a cold connection.

On 9/11/2015 9:58 PM, Tom B tbryan@... [harris-radio] wrote:
>
> Hello All,
>
> I am looking for the 5 MHz oscillator module for an RF590. Mine is
> shorted and I am not ready to open it and fix it.
> The one I have is a Cinox model T-346. The Harris part number is
> 10073-6600.
>
> Tom Bryan
> N3AJA
>
>

2646. Re: [harris-radio] WTB: RF590 reference oscillator

Yahoo group: harris-radio
Date: 2015-09-12 02:11:18 UTC
From: Tom B
Topic: 2644 Message: 2646

Thanks Peter. I probably could fix it but I thought I would look for
replacement first. If that fails, I will open it up.
Since it's a dead short, I suspect there is tantalum cap that is gone.

Tom

On 9/11/2015 10:03 PM, Peter Gottlieb hpnpilot@... [harris-radio]
wrote:
>
> If you can't find one they are repairable. Mine became intermittent
> and after
> not being able to find a replacement I managed to open it up and
> resolder a cold
> connection.
>
> On 9/11/2015 9:58 PM, Tom B tbryan@... [harris-radio] wrote:
> >
> > Hello All,
> >
> > I am looking for the 5 MHz oscillator module for an RF590. Mine is
> > shorted and I am not ready to open it and fix it.
> > The one I have is a Cinox model T-346. The Harris part number is
> > 10073-6600.
> >
> > Tom Bryan
> > N3AJA
> >
> >
>

2647. Re: [harris-radio] WTB: RF590 reference oscillator

Yahoo group: harris-radio
Date: 2015-09-13 16:35:10 UTC
From: steve@...
Topic: 2644 Message: 2647

You can also use a 1 MHz or a 10 MHz standard. There is a jumper on the reference oscillator board.

The 1 MHz standard part number is 759-3906. I don't know a part number for the 10 MHz standard.

73
Steve KD2OM

2648. Re: [harris-radio] WTB: RF590 reference oscillator

Yahoo group: harris-radio
Date: 2015-09-13 16:49:52 UTC
From: Peter Gottlieb
Topic: 2644 Message: 2648

There are many 10 MHz precision OCXOs on ebay pretty cheap. Sine, square output, your choice; voltage, your choice. I'd bet a modern double oven OCXO easily outperforms the original reference in the 590. If my reference ever dies again I'll do that mod, building the mini OCXO right into the original reference can.

I know these rigs were designed to be left running all the time but it would have been nice to a standby supply to keep the reference oven hot when main power is off, like most HP instruments have.

Peter

On 9/13/2015 12:35 PM, steve@... [harris-radio] wrote:
>
> You can also use a 1 MHz or a 10 MHz standard. There is a jumper on the
> reference oscillator board.
>
> The 1 MHz standard part number is 759-3906. I don't know a part number for the
> 10 MHz standard.
>
> 73
> Steve KD2OM
>
>

2649. Re: [harris-radio] WTB: RF590 reference oscillator

Yahoo group: harris-radio
Date: 2015-09-13 20:29:39 UTC
From: steve@...
Topic: 2644 Message: 2649

I think the RF-1310A exciter does that but you have to have the exciter on to get output to external equipment. I have a GPS locked 10 MHz standard that I have been meaning to plumb in to all my receivers and exciters. I even modified one of my RF-350K's to accept and external standard. So far other projects have taken precedence. The delay is because I need to build a divider/ buffer board because I don't want to change the jumpers in the radios.

Steve KD2OM

2650. Re: [harris-radio] WTB: RF590 reference oscillator

Yahoo group: harris-radio
Date: 2015-09-24 11:23:27 UTC
From: Tom B
Topic: 2644 Message: 2650

Thanks for all the replies on this subject. I was able to open the oscillator and fix it. The blown cap was pretty obvious. It was charred and had a hole in the top. Besides, it was the only tantalum cap in the module. I was not impressed with the construction of the oscillator. It did not seem to meet the standards of the rest of the RF590.

Tom
N3AJA

On 9/13/2015 4:29 PM, steve@... [harris-radio] wrote:
>
> I think the RF-1310A exciter does that but you have to have the
> exciter on to get output to external equipment. I have a GPS locked 10
> MHz standard that I have been meaning to plumb in to all my receivers
> and exciters. I even modified one of my RF-350K's to accept and
> external standard. So far other projects have taken precedence. The
> delay is because I need to build a divider/ buffer board because I
> don't want to change the jumpers in the radios.
>
> Steve KD2OM
>
>

2651. Re: Harris Manuals FS

Yahoo group: harris-radio
Date: 2015-09-29 01:18:28 UTC
From: sidener2002@...
Topic: 2328 Message: 2651

Hi John,

Do you by chance still have that TF-117A MTS manual?

Thanks,

Scott

2652. Good to find a bunch of Harris folk.

Yahoo group: harris-radio
Date: 2015-09-29 04:14:25 UTC
From: jjgray@...
Topic: 2652 Message: 2652

Good to find everybody here.
I look forward to helping some and getting the occasional help.
Still looking for an RF-5033PA, the 150 watt amp for the prc-138

Thanks all,
73,
John
wd4mqg

2653. New member

Yahoo group: harris-radio
Date: 2015-09-30 17:22:54 UTC
From: ssbn611b2003@...
Topic: 288 Message: 2653

Hello,
I have 5 or 6 RF-590's. What are they worth?

thanks

Bill in Pismo beach, Ca

2654. Re: [harris-radio] RF-590 value

Yahoo group: harris-radio
Date: 2015-09-30 18:54:29 UTC
From: Doug Smith
Topic: 288 Message: 2654

I had one and sold it a few years back and I tracked closing prices on eBay for a while. Of the last 26 that sold the average price was $1,543. The highest price was $2,250 and the lowest was $888.

There is one on eBay right now with a “buy it now” price of $1,795 that hasn’t sold yet — it closes tomorrow morning.

Nice receivers. BTW, I prefer the RF-590 over the RF-590A variant. Nicer front panel..

73,
Doug, W7KF
http://www.w7kf.com <http://www.w7kf.com/>

> On Sep 30, 2015, at 11:22 AM, ssbn611b2003@... [harris-radio]
<harris-radio@yahoogroups.com> wrote:
>
>
> Hello,
>
> I have 5 or 6 RF-590's. What are they worth?
>
>
>
> thanks
>
>
>
> Bill in Pismo beach, Ca
>

2655. Re: [harris-radio] RF-590 value

Yahoo group: harris-radio
Date: 2015-09-30 23:34:18 UTC
From: Avila Surfer
Topic: 288 Message: 2655

Ready to sell. Shipping will be high.
From: "Doug Smith doug@... [harris-radio]" <harris-radio@yahoogroups.com>
To: harris-radio@yahoogroups.com
Sent: Wednesday, September 30, 2015 11:54 AM
Subject: Re: [harris-radio] RF-590 value

I had one and sold it a few years back and I tracked closing prices on eBay for a while. Of the last 26 that sold the average price was $1,543. The highest price was $2,250 and the lowest was $888.
There is one on eBay right now with a “buy it now” price of $1,795 that hasn’t sold yet — it closes tomorrow morning.
Nice receivers. BTW, I prefer the RF-590 over the RF-590A variant. Nicer front panel..
73,Doug, W7KFhttp://www.w7kf.com

On Sep 30, 2015, at 11:22 AM, ssbn611b2003@... [harris-radio] <harris-radio@yahoogroups.com> wrote:

Hello,I have 5 or 6 RF-590's. What are they worth?
thanks
Bill in Pismo beach, Ca

2656. Re: [harris-radio] RF-590 value

Yahoo group: harris-radio
Date: 2015-10-01 02:46:04 UTC
From: prcradio@...
Topic: 288 Message: 2656

I had a 590 and a 590A that I sold a few years back. The A went for $900 and the non A went to a friend in the $750 range and it had all phase matched crystal filters. They are very nice receivers but a new modern radio like an Elecraft K3 will beat them in just about all performance categories for not much more $$. Just my 2c.
Mike

2657. Harris cable number is 10181-9822

Yahoo group: harris-radio
Date: 2015-10-03 13:53:19 UTC
From: vk5abc@...
Topic: 2657 Message: 2657

Hello All

Anyone here got a number 10181-9822 cable they are willing to sell me or can direct me to where to buy one.

73's Lee.

2658. RE: [harris-radio] Harris cable number is 10181-9822

Yahoo group: harris-radio
Date: 2015-10-03 21:03:29 UTC
From: W2HX
Topic: 2657 Message: 2658

What does it connect between?

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 03, 2015 9:53 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris cable number is 10181-9822

Hello All

Anyone here got a number 10181-9822 cable they are willing to sell me or can direct me to where to buy one.

73's Lee.

2659. RE: [harris-radio] Harris cable number is 10181-9822

Yahoo group: harris-radio
Date: 2015-10-04 01:22:49 UTC
From: L Ritta
Topic: 2657 Message: 2659

Rf-1310 and a RF-5032PA-125

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, 4 October 2015 7:33 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Harris cable number is 10181-9822

What does it connect between?

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 03, 2015 9:53 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris cable number is 10181-9822

Hello All

Anyone here got a number 10181-9822 cable they are willing to sell me or can direct me to where to buy one.

73's Lee.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

2660. RE: [harris-radio] Harris cable number is 10181-9822

Yahoo group: harris-radio
Date: 2015-10-04 13:17:00 UTC
From: W2HX
Topic: 2657 Message: 2660

Lee, I am highly skeptical that the 1310 can communicate with the 5032PA.

First, that part number is the same as the cable used between the 5020/22 and the 5032PA. The connector on the RT side is an MS style connector. The PA control connector on the 1310 is a DB37. So I would have thought Harris would create different part numbers considering the RT connector is different for each RT.

Secondly, and more importantly, the RF-1310 has discrete control signals for things like band information (5 control lines), etc. But the 5020/22 uses a serial protocol over a differential pair to talk with the PA (PA Control Data (-), PA Control Data (+)). The 1310 has nothing similar.

To reiterate, I am doubtful that the 1310 and 5032PA are interoperable in any fashion.

Eugene

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 03, 2015 9:23 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Harris cable number is 10181-9822

Rf-1310 and a RF-5032PA-125

From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
[mailto:harris-radio@yahoogroups.com]
Sent: Sunday, 4 October 2015 7:33 AM
To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Subject: RE: [harris-radio] Harris cable number is 10181-9822

What does it connect between?

From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
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To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Subject: [harris-radio] Harris cable number is 10181-9822

Hello All

An! yone here got a number 10181-9822 cable they are willing to sell me or can direct me to where to buy one.

73's Lee.

[http://static.avast.com/emails/avast-mail-stamp.png]<https://www.avast.com/antivirus>

This email has been checked for viruses by Avast antivirus software.
www.avast.com<https://www.avast.com/antivirus>

2661. RE: [harris-radio] Harris cable number is 10181-9822

Yahoo group: harris-radio
Date: 2015-10-04 13:29:26 UTC
From: prcradio@...
Topic: 2657 Message: 2661

I agree they are probably not compatible, even the PTT line for a 5032 is a serial command and not a discreet line. Roger should have the answer to this. Mike

2662. RE: [harris-radio] Harris cable number is 10181-9822

Yahoo group: harris-radio
Date: 2015-10-04 15:12:36 UTC
From: L Ritta
Topic: 2657 Message: 2662

I am told there is optional interface board which I have, and according to Harris you can connect a rf-5022 to a rf-1110d

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, 4 October 2015 11:47 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Harris cable number is 10181-9822

Lee, I am highly skeptical that the 1310 can communicate with the 5032PA.

First, that part number is the same as the cable used between the 5020/22 and the 5032PA. The connector on the RT side is an MS style connector. The PA control connector on the 1310 is a DB37. So I would have thought Harris would create different part numbers considering the RT connector is different for each RT.

Secondly, and more importantly, the RF-1310 has discrete control signals for things like band information (5 control lines), etc. But the 5020/22 use s a serial protocol over a differential pair to talk with the PA (PA Control Data (-), PA Control Data (+)). The 1310 has nothing similar.

To reiterate, I am doubtful that the 1310 and 5032PA are interoperable in any fashion.

Eugene

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 03, 2015 9:23 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Harris cable number is 10181-9822

Rf-1310 and a RF-5032PA-125

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, 4 October 2015 7:33 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Harris cable number is 10181-9822

What does it connect between?

From: harris-radio@yahoogroups.com [mailto: harris-radio@yahoogroups.com
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To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris cable number is 10181-9822

Hello All

An! yone here got a number 10181-9822 cable they are willing to sell me or can direct me to where to buy one.

73's Lee.

<https://www.avast.com/antivirus> Avast logo

This email has been checked for viruses by Avast antivirus software.
www.avast.com <https://www.avast.com/antivirus>

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

2663. RE: [harris-radio] Harris cable number is 10181-9822

Yahoo group: harris-radio
Date: 2015-10-04 15:56:16 UTC
From: W2HX
Topic: 2657 Message: 2663

Well, that is very interesting. Do you have any documentation on this board? I'd be very interested to read about it.
thanks

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, October 04, 2015 11:13 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Harris cable number is 10181-9822

I am told there is optional interface board which I have, and according to Harris you can connect a rf-5022 to a rf-1110d

From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
[mailto:harris-radio@yahoogroups.com]
Sent: Sunday, 4 October 2015 11:47 PM
To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Subject: RE: [harris-radio] Harris cable number is 10181-9822

Lee, I am highly skeptical that the 1310 can communicate with the 5032PA.

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Secondly, and more importantly, the RF-1310 has discrete control signals for things like band information (5 control lines), etc. But the 5020/22 use s a serial protocol over a differential pair to talk with the PA (PA Control Dat! a (-), PA Control Data (+)). The 1310 has nothing similar.

To reiterate, I am doubtful that the 1310 and 5032PA are interoperable in any fashion.

Eugene

From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
[mailto:harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com!%20>]
Sent: Saturday, October 03, 2015 9:23 PM
To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Subject: RE: [harris-radio] Harris cable number is 10181-9822

Rf-1310 and a RF-5032PA-125

From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com> [ma!
ilto:harris-radio@yahoogroups.com<mail%20to:harris-radio@yahoogroups.com>]
Sent: Sunday, 4 October 2015 7:33 AM
To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Subject: RE: [harris-radio] Harris cable number is 10181-9822

What does it connect between?

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To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Subject: [harris-radio] Harris cable number is 10181-9822

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_____
[http://static.avast.com/emails/avast-mail-stamp.png]<https://www.avast.com/antivirus>

This email has been checked for viruses by Avast antivirus software.
www.avast.com<https://www.avast.com/antivirus>

_____
[http://static.avast.com/emails/avast-mail-stamp.png]<https://www.avast.com/antivirus>

This email has been checked for viruses by Avast antivirus software.
www.avast.com<https://www.avast.com/antivirus>

2664. RE: [harris-radio] Harris cable number is 10181-9822

Yahoo group: harris-radio
Date: 2015-10-04 16:37:19 UTC
From: L Ritta
Topic: 2657 Message: 2664

All I have is the board number it is A18A2 part number is 10121-6390/6399D

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, 5 October 2015 2:26 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Harris cable number is 10181-9822

Well, that is very interesting. Do you have any documentation on this board? I'd be very interested to read about it.

thanks

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, October 04, 2015 11:13 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Harris cable number is 10181-9822

I am told there is optional interface board which I have, and according to Harris you can connect a rf-5022 to a rf-1110d

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, 4 October 2015 11:47 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Harris cable number is 10181-9822

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Eugene

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com
<mailto:harris-radio@yahoogroups.com!%20>]
Sent: Saturday, October 03, 2015 9:23 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Harris cable number is 10181-9822

Rf-1310 and a RF-5032PA-125

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To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Harris cable number is 10181-9822

What does it connect between?

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<mailto:harris-radio@yahoogroups.com>]
Sent: Saturday, October 03, 2015 9:53 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris cable number is 10181-9822

Hello All

An! yone here got a number 10181-9822 cable they are willing to sell me or can direct me to where to buy one.

73's Lee.

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2665. Help needed with Harris RF-3281/3282 Tuner

Yahoo group: harris-radio
Date: 2015-10-05 18:57:29 UTC
From: gumshew@...
Topic: 2665 Message: 2665

I have a RF-3282 Tuner that is sick and am looking for a schematic/manual to repair it. Any help will be appreciated. I have a RF3200E transceiver that it connects to. We have a second 3282 that I tested with and it works fine with the 3200E. So I believe the problem is the tuner.

Regards and 73

BoB Curry
-WB4JLD

2666. RE: [harris-radio] Harris cable number is 10181-9822

Yahoo group: harris-radio
Date: 2015-10-05 19:26:46 UTC
From: gibharris@...
Topic: 2657 Message: 2666

I have two RF-1310 and several RF-590's and one RF-5032PA which I had hoped to interface. I am not digitally enlightened so thought I might bypass that portion and simply use analog control of bias, etc. Never got around to it and really don't want to butcher such a fine PA so will offer for sale sometime. Gilbert

2667. RE: [harris-radio] Harris cable number is 10181-9822

Yahoo group: harris-radio
Date: 2015-10-06 00:57:25 UTC
From: W2HX
Topic: 2657 Message: 2667

Lee, you have really piqued my curiosity. Just a question first, below you mentioned “I am told there is optional interface board which I have, and according to Harris you can connect a rf-5022 to a rf-1110d”

My first question is, the board you mentioned A18A2 p/n 10121-6390/6399D, is this a board located in the 1110D? RF-5020? Or the 1310? But if you say it will allow a 5022 to connect to the 1110D, then it would seem it should be a board on the 1110D, not the 1310. Can you confirm?

I have some 1310 documentation for A18A2 with part numbers of
10121-6350 Rev E
10121-6351 Rev G

Bu nothing for 10212-6390/6399D. I guess technically speaking, a board could exist that speaks the serial protocol of the 5000 series radios on one side and the control stuff required by the rest of the 1310 on the other side. I would be very curious to see a good, high-resolution photo of the board you have.

Can you tell me about what external connector/ribbon cable is attached to this board for external communication? I would expect that it should not need any more than 10 signals or less. The 5022 receives its +26/return from 4 wires on the 5032 amp. Considering a 1310 would not need any power from the amp, it is conceivable that this A18A2 board would have only 6 conductors for:
Hop Clock (maybe not even this)
Data –
Data +
ON/OFF (maybe not even this one either)
Feedback – (ALC?)
Feedback + (ALC?)
It is possible that this A18A2 board might only have 5 conductors.

Please provide more info on this board. It seems very interesting indeed.
Thanks
Eugene

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, October 04, 2015 12:37 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Harris cable number is 10181-9822

All I have is the board number it is A18A2 part number is 10121-6390/6399D

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, 5 October 2015 2:26 AM
To: harris-radio@yahoogroups.com

Subject: RE: [harris-radio] Harris cable number is 10181-9822

Well, that is very interesting. Do you have any documentation on this board? I'd be very interested to read about it.
thanks

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, October 04, 2015 11:13 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Harris cable number is 10181-9822

I am told there is optional interface board which I have, and according to Harris you can connect a rf-5022 to a rf-1110d

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, 4 October 2015 11:47 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Harris cable number is 10181-9822

Lee, I am highly skeptical that the 1310 can communicate with the 5032PA.

First, that part number is the same as the cable used between the 5020/22 and the 5032PA. The connector on the RT side is an MS style connector. The PA control connector on the 1310 is a DB37. So I would have thought Harris would create different part numbers considering the RT connector is different for each RT.

Secondly, and more importantly, the RF-1310 has discrete control signals for things like band information (5 control lines), etc. But the 5020/22 use s a serial protocol over a differential pair to talk with the PA (PA Control Dat! a (-), PA Control Data (+)). The 1310 has nothing similar.

To reiterate, I am doubtful that the 1310 and 5032PA are interoperable in any fashion.

Eugene

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 03, 2015 9:23 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Harris cable number is 10181-9822

Rf-1310 and a RF-5032PA-125

From: harris-radio@yahoogroups.com [ma! ilto:harris-radio@yahoogroups.com]
Sent: Sunday, 4 October 2015 7:33 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Harris cable number is 10181-9822

What does it connect between?

From: harris-radio@yahoogroups.com [mailto: harris-radio@yahoogroups.com]
Sent: Saturday, October 03, 2015 9:53 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris cable number is 10181-9822

Hello All

An! yone here got a number 10181-9822 cable they are willing to sell me or can direct me to where to buy one.

73's Lee.

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www.avast.com

2668. RE: [harris-radio] Harris cable number is 10181-9822

Yahoo group: harris-radio
Date: 2015-10-07 14:54:46 UTC
From: steve@...
Topic: 2657 Message: 2668

The board 10121-6390 would go into the RF-1310A. The RF-1110C and D use serial control. My exciter for my RF-1110C has a 10121-6400 board. I have never seen an RF-1310A used with an RF-5032 amplifier but I suppose it is possible. There also might be special software for the exciter to go along with the board. I can't really see what application would use the strategic exciter to operate a tactical PA. I know we used the RF-5022E to operate with an RF-3230 1KW pa and an RF-1110C/D for some special programs. That said, if Lee has the board, we must have done it.
The 10181-9822 is just a 10 pin, pin to pin cable which would be easy to fabricate.The connector part numbers are MS3116J12-10S and MS3116J12-10P.

Steve KD2OM

2669. RE: [harris-radio] Harris cable number is 10181-9822

Yahoo group: harris-radio
Date: 2015-10-07 16:26:47 UTC
From: L Ritta
Topic: 2657 Message: 2669

Have you seen this doc

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, 8 October 2015 1:25 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Harris cable number is 10181-9822

The board 10121-6390 would go into the RF-1310A. The RF-1110C and D use serial control. My exciter for my RF-1110C has a 10121-6400 board. I have never seen an RF-1310A used with an RF-5032 amplifier but I suppose it is possible. There also might be special software for the exciter to go along with the board.

I can't really see what application would use the strategic exciter to operate a tactical PA. I know we used the RF-5022E to operate with an RF-3230 1KW pa and an RF-1110C/D for some special programs. That said, if Lee has the board, we must have done it.

The 10181-9822 is just a 10 pin, pin to pin cable which would be easy to fabricate.The connector part numbers are MS3116J12-10S and MS3116J12-10P.

Steve KD2OM

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https://www.avast.com/antivirus

[Non-text portions of this message have been removed]

2670. RE: [harris-radio] Harris cable number is 10181-9822

Yahoo group: harris-radio
Date: 2015-10-07 18:24:06 UTC
From: claushanke@...
Topic: 2657 Message: 2670

Steve, I'm following this conversation with interest as well, since I have a RF-1310A, R-2368 and RF-7210A, but no matching Amp. I also have a RF-5022 system driving a RF-3230 1KW Amp, but I also would like to use the RF-1310A Exciter instead. The System Interface board installed here is, like yours, a 10121-6400-01, but the manual I have, has the schematics for a different set. If you have, would you share the System Interface section? Since it has the DUART on it, there might be a chance to interface either the RF-5032 or RF-5034 Amps.
Thanks Claus
KI6KYK

2671. RE: [harris-radio] Help needed with Harris RF-3281/3282 Tuner

Yahoo group: harris-radio
Date: 2015-10-09 18:17:02 UTC
From: Roger Waldmiller
Topic: 2665 Message: 2671

Hello Bob:

I may be able to help you out .

I do have prints ,manual available . Contact me E mail direct.

With the 3282 , 12/24v regulator is the most common problem , next, water damage to the components on the edge next to the regulator.

There are 3 regulators on the main bd also 5v, 8v, and 10 v.

Regards

Roger

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, October 05, 2015 2:57 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Help needed with Harris RF-3281/3282 Tuner

I have a RF-3282 Tuner that is sick and am looking for a schematic/manual to repair it. Any help will be appreciated. I have a RF3200E transceiver that it connects to. We have a second 3282 that I tested with and it works fine with the 3200E. So I believe the problem is the tuner.

Regards and 73

BoB Curry
-WB4JLD

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https://www.avast.com/antivirus

2672. WTB: Harris RF-3466 Power Cord

Yahoo group: harris-radio
Date: 2015-10-10 16:05:27 UTC
From: Alex J Rokowetz
Topic: 2672 Message: 2672

Gents,
Just acquired a Harris RF-3466 modem sans power cord. Before I ordered the connector parts and put together my own I thought I would check with the group and see if anyone has a power cord for said modem that they would be willing to part with.
If you have a spare, kindly contact me off list.
Best 73,
AlexK2AJRk2ajr@...

2673. For Sale R-590'S

Yahoo group: harris-radio
Date: 2015-10-11 22:19:45 UTC
From: ssbn611b2003@...
Topic: 2673 Message: 2673

Have couple of R-590's for sale. Asking $750/ea. (Or make fare offer)
They all pass self-test and receive very nice.
Problem I foresee is shipping cost. I could meet you within ~100 miles if timing works for me.
The radios are very clean. I have one without the top cover and it will go cheaper.

Bill --Pismo Beach,Ca

2674. Re: [harris-radio] For Sale R-590'S

Yahoo group: harris-radio
Date: 2015-10-11 23:44:10 UTC
From: Terry
Topic: 2673 Message: 2674

email me off line at ab8al@... I would like 1.

On Sunday, October 11, 2015 6:19 PM, "ssbn611b2003@... [harris-radio]" <harris-radio@yahoogroups.com> wrote:

  Have couple of R-590's for sale. Asking $750/ea. (Or make fare offer)They all pass self-test and receive very nice.Problem I foresee is shipping cost. I could meet you within ~100 miles if timing works for me.The radios are very clean. I have one without the top cover and it will go cheaper.
Bill --Pismo Beach,Ca

2675. Re: [harris-radio] For Sale R-590'S

Yahoo group: harris-radio
Date: 2015-10-12 01:47:00 UTC
From: Robert Kinney
Topic: 2673 Message: 2675

I'll take one also

On Sun, Oct 11, 2015 at 5:44 PM, Terry ab8al@... [harris-radio] <
harris-radio@yahoogroups.com> wrote:

>
>
> email me off line at ab8al@... I would like 1.
>
>
>
>
>
> On Sunday, October 11, 2015 6:19 PM, "ssbn611b2003@...
> [harris-radio]" <harris-radio@yahoogroups.com> wrote:
>
>
>
> Have couple of R-590's for sale. Asking $750/ea. (Or make fare offer)
> They all pass self-test and receive very nice.
> Problem I foresee is shipping cost. I could meet you within ~100 miles if
> timing works for me.
> The radios are very clean. I have one without the top cover and it will go
> cheaper.
>
> Bill --Pismo Beach,Ca
>
>
>
>

2676. RE: [harris-radio] Help needed with Harris RF-3281/3282 Tuner

Yahoo group: harris-radio
Date: 2015-10-13 20:42:24 UTC
From: gumshew@...
Topic: 2665 Message: 2676

Thanks Roger sent you an email by yahoo. I guess that's the right email address.
Regards
BoBc

2677. RE: [harris-radio] Help needed with Harris RF-3281/3282 Tuner

Yahoo group: harris-radio
Date: 2015-10-14 13:50:42 UTC
From: Roger Waldmiller
Topic: 2665 Message: 2677

Hi BoBc

I tried sending a E mail to your yahoo.com(gumshew) but received no ans.

Contact me at waldrgr@...

Roger

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, October 13, 2015 4:42 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Help needed with Harris RF-3281/3282 Tuner

Thanks Roger sent you an email by yahoo. I guess that's the right email address.
Regards
BoBc

This email is free from viruses and malware because avast! Antivirus protection is active.
https://www.avast.com/antivirus

2678. Need PRC-117 (older model) help and manuals

Yahoo group: harris-radio
Date: 2015-10-15 01:33:59 UTC
From: andersendl@...
Topic: 2678 Message: 2678

An acquaintance is offering me a pair of "older" PRC-117's. He says one appears to work and the other does not power up. He wasn't certain which model they are, just that they are older. I have not seen them in person yet but, from images I found on the net and his description, it sounds like they are either the PRC-117 (RT-1406?) or maybe PRC-117D model. I should be able to take a look at them this coming weekend and have a better idea of what he is offering.

I know that the current models (F & G) have embedded crypto and are restricted for sale to the public. Did the older models have embedded crypto as well? Any restrictions on the sale/transfer of the older models? Anyone able to explain the differences between models?

I've looked all over for manuals and haven't been able to locate any. Does anyone have manuals for the older models of 117's?

Thanks in advance for the assistance.

andersendl

2679. Re: [harris-radio] Need PRC-117 (older model) help and manuals

Yahoo group: harris-radio
Date: 2015-10-15 01:39:50 UTC
From: Peter Gottlieb
Topic: 2678 Message: 2679

Those are still pretty new so I would expect manuals (especially service) are next to impossible to obtain.

Peter

On 10/14/2015 9:33 PM, andersendl@... [harris-radio] wrote:
>
> An acquaintance is offering me a pair of "older" PRC-117's. He says one
> appears to work and the other does not power up. He wasn't certain which
> model they are, just that they are older. I have not seen them in person yet
> but, from images I found on the net and his description, it sounds like they
> are either the PRC-117 (RT-1406?) or maybe PRC-117D model. I should be able
> to take a look at them this coming weekend and have a better idea of what he
> is offering.
>
> I know that the current models (F & G) have embedded crypto and are restricted
> for sale to the public. Did the older models have embedded crypto as well?
> Any restrictions on the sale/transfer of the older models? Anyone able to
> explain the differences between models?
>
> I've looked all over for manuals and haven't been able to locate any. Does
> anyone have manuals for the older models of 117's?
>
> Thanks in advance for the assistance.
>
> andersendl
>
>
>

2680. Re: [harris-radio] Need PRC-117 (older model) help and manuals

Yahoo group: harris-radio
Date: 2015-10-15 01:49:25 UTC
From: Tom B
Topic: 2678 Message: 2680

The plain and the A models date back about 30 years and are very different from the later ones.
I found this manual for the early model on the internet.
http://www.w2hx.com/x/VRC-94/Harris%20VRC-94%20PRC-117%20Manual.pdf

If it is an early one (plain or A model), it will have a problem with the power supply board.
The early ones did not have encryption but did have frequency hopping.

Tom Bryan
N3AJA

On 10/14/2015 9:33 PM, andersendl@... [harris-radio] wrote:
>
> An acquaintance is offering me a pair of "older" PRC-117's. He says
> one appears to work and the other does not power up. He wasn't
> certain which model they are, just that they are older. I have not
> seen them in person yet but, from images I found on the net and his
> description, it sounds like they are either the PRC-117 (RT-1406?) or
> maybe PRC-117D model. I should be able to take a look at them this
> coming weekend and have a better idea of what he is offering.
>
> I know that the current models (F & G) have embedded crypto and are
> restricted for sale to the public. Did the older models have embedded
> crypto as well? Any restrictions on the sale/transfer of the older
> models? Anyone able to explain the differences between models?
>
> I've looked all over for manuals and haven't been able to locate any.
> Does anyone have manuals for the older models of 117's?
>
> Thanks in advance for the assistance.
>
> andersendl
>
>

2681. Utralife Batteries Type UBI-2590 For Sale

Yahoo group: harris-radio
Date: 2015-10-16 15:59:06 UTC
From: Stuartjmckinnon@...
Topic: 2681 Message: 2681

Group

As the title states, I have a pair of these batts New in Plastic packets. Apart from the RT-138 I beleive they will power the RT-117, any interest please mail me direct, looks to be UK and Europe only as cannot ship by Air, overland into Europe available

Cheers

Stuart
G0TBI

stuartjmckinnon@aol.com

2682. J2 Connector for RF382 Coupler

Yahoo group: harris-radio
Date: 2015-10-21 18:21:55 UTC
From: shea.weston@...
Topic: 2682 Message: 2682

Does anyone on the group know a good source for the connector to mate with J2 control plug on a RF382 coupler? Maybe a non-harris part number for it?

Thanks, Shea
N4HNS

2683. Re: [harris-radio] J2 Connector for RF382 Coupler

Yahoo group: harris-radio
Date: 2015-10-21 18:23:07 UTC
From: Paul Katz
Topic: 2682 Message: 2683

See
http://www.ebay.com/itm/261467022916?_trksid=p2060353.m1438.l2649&ssPageName=STRK%3AMEBIDX%3AIT

73, Paul, W5NTQ

On 10/21/2015 1:21 PM, shea.weston@... [harris-radio] wrote:
>
> Does anyone on the group know a good source for the connector to mate
> with J2 control plug on a RF382 coupler? Maybe a non-harris part
> number for it?
>
>
> Thanks, Shea
>
> N4HNS
>
>
>

2684. RF280

Yahoo group: harris-radio
Date: 2015-10-24 12:02:58 UTC
From: panserv@...
Topic: 2684 Message: 2684

Hi everyone,
This is my first post here. I have owned and made use of many military radios, but have had faulty a Harris RF280, that I am trying to revive.
I have so far replaced 2 tantalum caps, that had been shorting out the 23 and 11 volt, so that problem appears to be sorted.
However, all I get is receiver noise and the out of lock LED on the vfo power supply board is on, indicating an out of lock condition.

I did buy the 2 volume Operators and Service Manual from W7FG, but I simply cant find mention of how to remedy this faulty condition in the trouble shooting section at all.

I was wondering if anyone here is familiar with this great radio, and might have some tips.
I was thinking of doing a marathon replacement of ALL the tantalums, but its not going to be easy.
Thanks.

2685. RF-383VM-01 orientation?

Yahoo group: harris-radio
Date: 2015-10-24 17:05:25 UTC
From: W2HX
Topic: 2685 Message: 2685

Hello friends,

I was wondering if anyone knows what the allowable orientations are of this vehicle mount for the RF-382A.
thanks

73 Eugene W2HX

2686. RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Yahoo group: harris-radio
Date: 2015-10-24 20:09:08 UTC
From: dfemer@...
Topic: 1451 Message: 2686

Skip, Can I get a copy of the RF 5022 service manual. My 5022 is off frequency and I need to trim it up. Dudley Emer KK7IF
dfemer@cox.net

2687. Re: RF-383VM-01 orientation?

Yahoo group: harris-radio
Date: 2015-10-24 20:59:27 UTC
From: steve@...
Topic: 2685 Message: 2687

Eugene, You can mount it any way you want unless you are going way off road. For a on road vehicle like car or truck, you don't even need the shock mount.

Steve KD2OM

2688. RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Yahoo group: harris-radio
Date: 2015-10-24 21:15:59 UTC
From: steve@...
Topic: 1451 Message: 2688

Dudley,

Just warm it up and adjust the trimmer on the standard. I believe the spec is .25 ppm. Just key up the R/T in CW at 29.9 MHz and measure the output with a very good frequency counter.

Steve KD2OM

2689. RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Yahoo group: harris-radio
Date: 2015-10-24 22:45:37 UTC
From: D. Emer
Topic: 1451 Message: 2689

Thanks Steve I'll try that. Why at 29.9 though?

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 24, 2015 2:16 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Dudley,

Just warm it up and adjust the trimmer on the standard. I believe the spec is .25 ppm. Just key up the R/T in CW at 29.9 MHz and measure the output with a very good frequency counter.

Steve KD2OM

2690. RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Yahoo group: harris-radio
Date: 2015-10-25 00:22:31 UTC
From: Dr Fred Hambrecht
Topic: 1451 Message: 2690

Pop the top off, in the back right rear is a large square can. In the middle is a hole the will allow you to adjust the frequency with a small screwdriver.

v/r

Fred W4JLE

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 24, 2015 16:09
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Skip, Can I get a copy of the RF 5022 service manual. My 5022 is off frequency and I need to trim it up.

Dudley Emer KK7IF

dfemer@... <mailto:dfemer@...>

2691. RE: [harris-radio] Re: RF-383VM-01 orientation?

Yahoo group: harris-radio
Date: 2015-10-25 00:33:06 UTC
From: W2HX
Topic: 2685 Message: 2691

Thanks, Steve. You mentioned that I might not need a shock mount and generally I agree. Here is a picture of me operating in my 1972 Land Rover Air Portable (lightweight) and you can see how I have mounted the RF-382A

http://www.w2hx.com/x/1972LW/Radio-Related/IMG_5991.JPG
http://www.w2hx.com/x/1972LW/Radio-Related/4-17-13%20003-L.jpg

I took an MT-6378/GRC-193A antenna mount and cut off the half with the antenna mount and kept the half that has the coupler mount. Then I mounted the RF-382A onto a sheet of steel cut to fit right into the clamps on the MT-6378.

Here is a picture of the MT.
https://www.fairradio.com/catalog.php?mode=viewitem&item=4855

So for a few years this is how I traveled with the RF-382A mounted in this way. But the landy is pretty tightly sprung and every crack in the road makes its presence known. So I thought some shock absorption might extend its life. And as you can see in my pictures I have a certain orientation and I didn’t know if the wire loops that interface between the base and where the coupler mounts might sag or otherwise be unhappy.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 24, 2015 4:59 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-383VM-01 orientation?

Eugene,
You can mount it any way you want unless you are going way off road. For a on road vehicle like car or truck, you don't even need the shock mount.

Steve KD2OM

2692. RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Yahoo group: harris-radio
Date: 2015-10-25 00:34:08 UTC
From: D. Emer
Topic: 1451 Message: 2692

Thanks Fred, I'll give that a try. I seem to be on freq on the MARS nets but WWV voice sounds off. Any idea what tone they transmit at the beginning?

Dud.

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 24, 2015 5:23 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Pop the top off, in the back right rear is a large square can. In the middle is a hole the will allow you to adjust the frequency with a small screwdriver.

v/r

Fred W4JLE

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 24, 2015 16:09
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Skip, Can I get a copy of the RF 5022 service manual. My 5022 is off frequency and I need to trim it up.

Dudley Emer KK7IF

dfemer@...

2693. RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Yahoo group: harris-radio
Date: 2015-10-25 02:50:40 UTC
From: prcradio@...
Topic: 1451 Message: 2693

Hi Dudley,
If you don't have a freq counter handy you can program one channel with 20 or 25Mhz WWV in USB then another channel in LSB and switch between them while adjusting the ref osc for the same pitch tone on both sidebands. You can easily get within a few Hz this way.

Mike

2694. RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Yahoo group: harris-radio
Date: 2015-10-25 02:55:28 UTC
From: Dr Fred Hambrecht
Topic: 1451 Message: 2694

Here is how to do it and not sweat any of that stuff.

1. If you do not have it download FLDIGI

2. Tune the 5022 to 9.999 MHz USB

3. Put FLDIGI in analysis mode.

4. You should see the WWV carrier at 1000 Hz.

5. If it is off, walk it on frequency with the oscillator adjustment until it is at 1000

6. If you do not have an interface to the computer from your 5022, simply plug one of the cheap mikes that come with the computer in and put it near the speaker. You're looking for a 1000 HZ tone so any cheap mike will work.

7. If you like send me an e-mail and I will send you a copy of the procedure.

8. I have a copy of the 5022 maintenance manual, I will have to put it on one of the drop boxes as it is too big to email.

v/r

Fred W4JLE

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 24, 2015 20:34
To: harris- @yahoogroups.com
Subject: RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Thanks Fred, I'll give that a try. I seem to be on freq on the MARS nets but WWV voice sounds off. Any idea what tone they transmit at the beginning?

Dud.

From: harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com> [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 24, 2015 5:23 PM
To: harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
Subject: RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Pop the top off, in the back right rear is a large square can. In the middle is a hole the will allow you to adjust the frequency with a small screwdriver.

v/r

Fred W4JLE

From: harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com> [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 24, 2015 16:09
To: harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
Subject: RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Skip, Can I get a copy of the RF 5022 service manual. My 5022 is off frequency and I need to trim it up.

Dudley Emer KK7IF

dfemer@... <mailto:dfemer@...>

2695. Re: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Yahoo group: harris-radio
Date: 2015-10-25 07:20:57 UTC
From: Stuart Mckinnon
Topic: 1451 Message: 2695

Fred

Although my 5000 and 5022 are both spot of, this info will be very useful, thanks to all you guys for it, and looking forward to the dropbox info

Cheers

Stuart
G0TBI

-----Original Message-----
From: 'Dr Fred Hambrecht' w4jle@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sun, 25 Oct 2015 2:55
Subject: RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Here is how to do it and not sweat any of that stuff.
1. If you do not have it download FLDIGI
2. Tune the 5022 to 9.999 MHz USB
3. Put FLDIGI in analysis mode.
4. You should see the WWV carrier at 1000 Hz.
5. If it is off, walk it on frequency with the oscillator adjustment until it is at 1000
6. If you do not have an interface to the computer from your 5022, simply plug one of the cheap mikes that come with the computer in and put it near the speaker. You're looking for a 1000 HZ tone so any cheap mike will work.
7. If you like send me an e-mail and I will send you a copy of the procedure.
8. I have a copy of the 5022 maintenance manual, I will have to put it on one of the drop boxes as it is too big to email.

v/r
Fred W4JLE

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 24, 2015 20:34
To: harris- @yahoogroups.com
Subject: RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Thanks Fred, I'll give that a try. I seem to be on freq on the MARS nets but WWV voice sounds off. Any idea what tone they transmit at the beginning?
Dud.

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 24, 2015 5:23 PM
To: harris-radio@yahoogroups.com

Subject: RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Pop the top off, in the back right rear is a large square can. In the middle is a hole the will allow you to adjust the frequency with a small screwdriver.

v/r
Fred W4JLE

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, October 24, 2015 16:09
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Skip, Can I get a copy of the RF 5022 service manual. My 5022 is off frequency and I need to trim it up.

Dudley Emer KK7IF

dfemer@...

2696. RE: [harris-radio] Re: RF-5022 R/T E Operators / Programming / Install Manual Needed

Yahoo group: harris-radio
Date: 2015-10-25 11:26:35 UTC
From: steve@...
Topic: 1451 Message: 2696

Since 29.999 is the highest frequency the radio can reach, adjusting it there will make any error smaller at lower frequencies.

Steve KD2OM

2697. RF-590 FS

Yahoo group: harris-radio
Date: 2015-10-25 21:50:04 UTC
From: ssbn611b2003@...
Topic: 2697 Message: 2697

For Sale RF-590.
4ea Good working condition. $500/ea
1ea no audio from front speaker (Jack fine) $400.
1ea works fine no top cover. $400.
Packing and shipping is estimated at $175.00.
Pickup available located near San Luis Obispo, Ca.
All are very clean.

2698. Re: [harris-radio] RF-590 FS

Yahoo group: harris-radio
Date: 2015-10-26 00:17:46 UTC
From: Terry Hines
Topic: 2697 Message: 2698

I will take 2 590s

Sent from my iPhone

> On Oct 26, 2015, at 3:20 AM, ssbn611b2003@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> For Sale RF-590.
>
> 4ea Good working condition. $500/ea
>
> 1ea no audio from front speaker (Jack fine) $400.
>
> 1ea works fine no top cover. $400.
>
> Packing and shipping is estimated at $175.00.
>
> Pickup available located near San Luis Obispo, Ca.
>
> All are very clean.
>
>
>
>

2699. Re: [harris-radio] RF-590 FS

Yahoo group: harris-radio
Date: 2015-10-26 01:14:48 UTC
From: R Kinney
Topic: 2697 Message: 2699

Will take one working one

Sent from my iPhone

> On Oct 25, 2015, at 3:50 PM, ssbn611b2003@... [harris-radio]
<harris-radio@yahoogroups.com> wrote:
>
> For Sale RF-590.
>
> 4ea Good working condition. $500/ea
>
> 1ea no audio from front speaker (Jack fine) $400.
>
> 1ea works fine no top cover. $400.
>
> Packing and shipping is estimated at $175.00.
>
> Pickup available located near San Luis Obispo, Ca.
>
> All are very clean.
>
>
>
>

2700. Re: [harris-radio] RF-590 FS

Yahoo group: harris-radio
Date: 2015-10-26 01:16:25 UTC
From: R Kinney
Topic: 2697 Message: 2700

Yeah go ahead and make it to the good ones

Sent from my iPhone

> On Oct 25, 2015, at 3:50 PM, ssbn611b2003@... [harris-radio]
<harris-radio@yahoogroups.com> wrote:
>
> For Sale RF-590.
>
> 4ea Good working condition. $500/ea
>
> 1ea no audio from front speaker (Jack fine) $400.
>
> 1ea works fine no top cover. $400.
>
> Packing and shipping is estimated at $175.00.
>
> Pickup available located near San Luis Obispo, Ca.
>
> All are very clean.
>
>
>
>

2701. Re: RF280

Yahoo group: harris-radio
Date: 2015-10-26 16:45:36 UTC
From: panserv@...
Topic: 2684 Message: 2701

Been messing with my RF280 for 3 days now. Found another shorted tantalum in the 12 volt line that caused the radio to reset OFF when mode switch goes to FM. Located the short in the Speaker driver assy, 12 v fm rec circuit.

The Out of Lock condition remains, so radio is still out of order.
Was thinking if perhaps, there might be more junk tantalums, decoupling supply lines that could cause this fault.

Anyone has any suggestions what to replace tantalum capacitors with?

Oh, I live on a tiny island, parts might be hard to come by.....right here :-)
https://www.youtube.com/watch?v=zXbQWXSaM5w

2702. Re: RF280

Yahoo group: harris-radio
Date: 2015-10-26 23:07:27 UTC
From: steve@...
Topic: 2684 Message: 2702

Early tantalum capacitors weren't as good as they are now. Just get quality low esr tantalums caps. A little higher voltage limit wouldn't hurt.

Steve KD2OM

2703. RF R-590 are sold

Yahoo group: harris-radio
Date: 2015-10-26 23:12:41 UTC
From: ssbn611b2003@...
Topic: 2703 Message: 2703

Write a message...

2704. Re: [harris-radio] RF-590 FS

Yahoo group: harris-radio
Date: 2015-10-28 23:24:58 UTC
From: Avila Surfer
Topic: 2697 Message: 2704

Robert,Your next on the list.I have a checked out your complete radio. It passes several self-tests and receives well, very clean.As far as the no cover unit, it is the unit with no audio via speaker and has a self-test error (the code I can;t remember and I need to bench test it with an antenna. I will do this if your interested. As I remember, it did receive well, audio via headphones, but will test it again if your still interested.BTW, I have not done any trouble shooting on these radios. It could be as simple as a loose connector.So, if you want just one send me a Postal Money Order for one radio including packing/shipping. ($675)Or, I can retest the "no=cover unit and let you know the operational conditioned.We can go from there...
Thanks
Bill
From: "R Kinney rkinney88@... [harris-radio]" <harris-radio@yahoogroups.com>
To: harris-radio@yahoogroups.com
Sent: Sunday, October 25, 2015 6:16 PM
Subject: Re: [harris-radio] RF-590 FS

  Yeah go ahead and make it to the good ones

Sent from my iPhone
On Oct 25, 2015, at 3:50 PM, ssbn611b2003@... [harris-radio] <harris-radio@yahoogroups.com> wrote:

  For Sale RF-590.4ea Good working condition. $500/ea1ea no audio from front speaker (Jack fine) $400.1ea works fine no top cover. $400.Packing and shipping is estimated at $175.00.Pickup available located near San Luis Obispo, Ca. All are very clean.

2705. RF Communications SB-6F and SB-6M transceivers

Yahoo group: harris-radio
Date: 2015-11-02 15:14:41 UTC
From: john@...
Topic: 2705 Message: 2705

Greetings from Johannesburg, South Africa.

John Austin-Williams here, Chairman of the South African airways Museum Society www.saamuseum.co.za http://www.saamuseum.co.za

We have recently built a prefab to house, amongst other items, our collection of Aviation/Aircraft radios. Two such items in our collection are an RF Communications SB-6F and RF Communications SB-6M.

I have searched the internet high and low and have found precious little pertaining to the two - not even a photograph. So, any info will be appreciated - e.g. primarily designed for, most common use etc. Anyone got copies of manuals in PDF format?

Any help will be gratefully received.

Best regards from JHB,
Jaws

2706. RF-5032PA-125E HF amplifier for sale

Yahoo group: harris-radio
Date: 2015-11-05 17:59:57 UTC
From: gibharris@...
Topic: 2706 Message: 2706

Please see epay photos and info.. Thanks. Gilbert W4JDA

2707. RF-590,RF-590A,R-2368 chassis and module covers, slides

Yahoo group: harris-radio
Date: 2015-11-05 18:01:45 UTC
From: gibharris@...
Topic: 2707 Message: 2707

Please see epay for photos and info. Thanks. Gilbert W4JDA

2708. RF-1310 chassis and module covers & rack slides

Yahoo group: harris-radio
Date: 2015-11-05 18:05:59 UTC
From: gibharris@...
Topic: 2708 Message: 2708

Please see epay for photos and info. Thanks. Gilbert W4JDA

2709. Re: [harris-radio] RF-5032PA-125E HF amplifier for sale

Yahoo group: harris-radio
Date: 2015-11-05 21:19:46 UTC
From: Richard VA3RZS 2
Topic: 2706 Message: 2709

I don't mind EBay posts , but PLEASE give more info , if abused then the sale of EBay items will be banned from this group

I am very happy that this group , unlike others is self policed and is a civil group , please let's keep it this way

Thank you

Richard Szajkowski VA3RZS , list owner

> On Nov 5, 2015, at 12:59 PM, gibharris@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Please see epay photos and info.. Thanks. Gilbert W4JDA
>
>

2710. RE: [harris-radio] RF-1310 chassis and module covers & rack slides

Yahoo group: harris-radio
Date: 2015-11-06 00:40:18 UTC
From: L Ritta
Topic: 2708 Message: 2710

Your email address bounces

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, 6 November 2015 4:36 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-1310 chassis and module covers & rack slides

Please see epay for photos and info. Thanks. Gilbert W4JDA

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

2711. Re: RF-590,RF-590A,R-2368 chassis and module covers, slides

Yahoo group: harris-radio
Date: 2015-11-06 01:20:19 UTC
From: L Ritta
Topic: 2707 Message: 2711

Hello OM

I tried to email direct only got an error

73's Lee

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

2712. Re: [harris-radio] RF-1310 chassis and module covers & rack slides

Yahoo group: harris-radio
Date: 2015-11-06 08:09:04 UTC
From: Stuart Mckinnon
Topic: 2708 Message: 2712

Yes

I think it is best if anyone is posting about an item pertinent to E Pay, that they cut and paste the item number or link

Cheers

Stuart
G0TBI

And I am still not sure if it is the vendor in the UK, that Gilbert is referring to, or that he has put his own on e Pay?

-----Original Message-----
From: 'L Ritta' vk5abc@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Fri, 6 Nov 2015 1:07
Subject: RE: [harris-radio] RF-1310 chassis and module covers & rack slides

Your email address bounces

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, 6 November 2015 4:36 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-1310 chassis and module covers & rack slides

Please see epay for photos and info. Thanks. Gilbert W4JDA

This email has been checked for viruses by Avast antivirus software.
www.avast.com

2713. Re: [harris-radio] RF-1310 chassis and module covers & rack slides

Yahoo group: harris-radio
Date: 2015-11-07 22:32:50 UTC
From: steve@...
Topic: 2708 Message: 2713

I found by just searching for R2368. The items are in Florida.

Steve KD2OM

2714. RE: [harris-radio] RF-1310 chassis and module covers & rack slides

Yahoo group: harris-radio
Date: 2015-11-07 23:57:51 UTC
From: L Ritta
Topic: 2708 Message: 2714

You got an item number

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, 8 November 2015 9:03 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF-1310 chassis and module covers & rack slides

I found by just searching for R2368. The items are in Florida.

Steve KD2OM

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2016.0.7227 / Virus Database: 4460/10958 - Release Date: 11/06/15

No virus found in this message.
Checked by AVG - www.avg.com
Version: 2016.0.7227 / Virus Database: 4460/10963 - Release Date: 11/07/15

2715. RE: [harris-radio] RF-1310 chassis and module covers & rack slides

Yahoo group: harris-radio
Date: 2015-11-09 00:59:44 UTC
From: steve@...
Topic: 2708 Message: 2715

Ebay Item # 181922758906

Steve

2716. RF-5010FP

Yahoo group: harris-radio
Date: 2015-11-10 21:33:36 UTC
From: Fletch
Topic: 2716 Message: 2716

I have an RF-5000 that has a faulty RF-5010FP front panel. I was using it on the air when the display slowly died. The RF portions still work well, you just cannot see anything on the LCD. Has anyone got any suggestions on where to start looking to fix this radio? I really like it and have the 125W amp and associated power supplies. I saw nothing obvious when I visually inspected the interior. Making measurements will be difficult without the proper extension cables so any comments on that subject would be appreciated as well.
Thanks in advance
Fletch

2717. Re: RF-5010FP

Yahoo group: harris-radio
Date: 2015-11-11 00:46:26 UTC
From: steve@...
Topic: 2716 Message: 2717

Fletch, What R/T is it? RF-5020, RF-5022 or RF-5022/E. There are some differences in the display. When the radio is running is the display very warm? Sometimes the thermostat controlling the LCD heater sticks which will darken the display. I have disconnected it on my RF-5022 for this problem. I assume the rest of the front panel works, sound, channel and frequency change, etc.
You shouldn't need extenders, the front panel connector is attached to the board with a flex cable.

73
Steve KD2OM

2718. Re: [harris-radio] Re: RF-5010FP

Yahoo group: harris-radio
Date: 2015-11-11 01:05:08 UTC
From: Fletch
Topic: 2716 Message: 2718

I will check the model tomorrow and reply. Sound, channel, and control
all work, but LCD shows nothing at all.
Tnx
Fletch

On 11/10/2015 7:46 PM, steve@... [harris-radio] wrote:
>
> Fletch,
>
> What R/T is it? RF-5020, RF-5022 or RF-5022/E. There are some
> differences in the display. When the radio is running is the display
> very warm? Sometimes the thermostat controlling the LCD heater sticks
> which will darken the display. I have disconnected it on my RF-5022
> for this problem. I assume the rest of the front panel works, sound,
> channel and frequency change, etc.
> You shouldn't need extenders, the front panel connector is attached to
> the board with a flex cable.
>
> 73
> Steve KD2OM
>
>

2719. RF Communications SB-6F and SB-6M transceivers

Yahoo group: harris-radio
Date: 2015-11-11 08:33:57 UTC
From: John Austin-Williams
Topic: 2705 Message: 2719

Greetings from Johannesburg, South Africa.

John Austin-Williams here, Chairman of the South African airways Museum Society www.saamuseum.co.za

We have recently built a prefab to house, amongst other items, our collection of Aviation/Aircraft radios. Two such items in our collection are an RF Communications SB-6F and RF Communications SB-6M.

I have searched the internet high and low and have found precious little pertaining to the two - not even a photograph. So, any info will be appreciated - e.g. primarily designed for, most common use etc. Anyone got copies of manuals in PDF format?

Any help will be gratefully received.

Best regards from JHB,
Jaws

John Austin-Williams

Chairman: South African Airways Museum Society www.saamuseum.co.za

_____ Information from ESET NOD32 Antivirus, version of virus signature database 12548 (20151111) _____

The message was checked by ESET NOD32 Antivirus.

http://www.eset.com

[Non-text portions of this message have been removed]

2720. RE: [harris-radio] Re: RF-5010FP

Yahoo group: harris-radio
Date: 2015-11-14 19:34:42 UTC
From: Roger Waldmiller
Topic: 2716 Message: 2720

Hi Fletch:

The 5010FP will only fit the 5020 R/T so It should be the RF5020

The 5010 Fp is distinguished by the YELLOW markings on the function sw and the keypad.

The bds in the 5020,5022 and the 5022E are ALL different in f/w and rev's. Some are interchangeable and may work BUT it is not recommended.

The 5010 display is different than the 5022/5022E in that it is also encapsulated in a thick mounting.. not interchangeable .

I am not sure if the LCD glass is the same as the 5022/E . Never had to RR one only replaced the assy when bad.

I have some info /manual on the 5020 with the FP .

Contact me if you want and can use them to repair the FP.

Roger

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, November 10, 2015 8:05 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: RF-5010FP

I will check the model tomorrow and reply. Sound, channel, and control all work, but LCD shows nothing at all.
Tnx
Fletch

On 11/10/2015 7:46 PM, steve@... [harris-radio] wrote:

Fletch,

What R/T is it? RF-5020, RF-5022 or RF-5022/E. There are some differences in the display. When the radio is running is the display very warm? Sometimes the thermostat controlling the LCD heater sticks which will darken the display. I have disconnected it on my RF-5022

for this problem. I assume the rest of the front panel works, sound, channel and frequency change, etc.

You shouldn't need extenders, the front panel connector is attached to the board with a flex cable.

73

Steve KD2OM

This email is free from viruses and malware because avast! Antivirus protection is active.
https://www.avast.com/antivirus

2721. FS: RF-350K and RF-355 Amplifier

Yahoo group: harris-radio
Date: 2015-11-16 01:26:49 UTC
From: jonklinkhamer@...
Topic: 2721 Message: 2721

Relisting my Harris equipment:

RF-350K with all documentation plus two Military Microphones plus some spare boards:
$1000.00 + shipping

RF-355 with AC plug and Cable to RF-350K in addition to documentation - plug and play with the 350K.
$800 + shipping

Please email me at shortwavedude@comcast.net

2722. CU-2397 antenna tuner

Yahoo group: harris-radio
Date: 2015-11-17 04:07:02 UTC
From: Keith Ericson
Topic: 2722 Message: 2722

I bought one at Dayton, it was described as not working and I thought I would have a go at fixing it. Downloaded the manual off the web, watched the you tube videos but no luck. The fault codes were not particularly helpful down to a component level.
K-28 was inoperative, replaced but tuner still does not work. Self test LED for K28 failure stays on.The tuner does all it's usual chattering but never finds a match.Since K28 is involved in the intial tune at 200 ohms I suspect that is my problem.Since it (K28) does not operate, the likely suspects are the driver chips U15 and U20 on the A3 board. I have tried both of my RF350s driving the antenna tuner with no luck so that is ruled out.
Anyone have said A3 board (the one with all the LEDs) they could/would part with?
Keith K0KE

2723. NOS RF 1031 for sale in Sweden

Yahoo group: harris-radio
Date: 2015-11-21 19:02:07 UTC
From: argus@...
Topic: 2723 Message: 2723

Hello fellow hams:

I have a RF 1310 for sale in Stockholm Sweden. A spare unit from an embassy in Stockholm and said to never beeing used. . Its in like new condition cosmetically and not a scratch. You can not see any scratches from mounting screws. Even the protecting plastic cups on the connectors are still there. OK start up performance.

Prefer a cash deal and prefer pick-up at my QTH in Stockholm...It needs careful transport otherwise to preserve its excellent condition. Have some nice photos.

Could eventually be interested in a swap deal with some modern transceiver like a KX3 or K3 or what have you? I am an active DX’er and ham since 1947.

73s de Hans Goldschmidt SM5KI / OH0KI
sm5ki@algonet.se mailto:sm5ki@algonet.se / argus@glocalnet.net
PO Box 17183
S t o c k h o l m 10462
Sweden

2724. PRC-138P V1 modem utilization guidance requested

Yahoo group: harris-radio
Date: 2015-11-23 00:56:00 UTC
From: jjgray@...
Topic: 2724 Message: 2724

I've got my wotan prc-138P set up and running,
I can access and use the radio control via the db9 serial port connector.
I want to use (or at least test) the internal modem and will likely have to find a 5710, 5710a or 5720 modem in the end.

I never saw this setup using the modem.
What normally hooks up to the canon plugs (1ea 6pin and 1 ea 19 pin).

Advise and guidance would be greatly appreciated.
John
Colorado

2725. Re: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-11-24 00:09:08 UTC
From: Murillo Carvalho
Topic: 2605 Message: 2725

Amigo mbchagas ,
Quando usar antena vertical com radiais de terra , não leve os radiais todos até o terra do acoplador de antena RF-382. Em outras palavras , não ligue todos juntos ao terra da caixa do acoplador RF-382 . Enterre uma barra de aterramento lá no meio de onde estão os radiais e ligue cada radial nela (na barra). Enterre outra barra de aterramento onde está o acoplador e aterre-o nesta barra.
Os radiais chegando todos juntos no terra do acoplador desequilibram a sintonia , porque o acoplador "enxerga" cada radial como se fôsse o lado de "terra" de um dipolo horizontal .
73 QRV
Murillo Carvalho murillocarva@...

Em Domingo, 23 de Agosto de 2015 22:06, "mbchagasl@... [harris-radio]" <harris-radio@yahoogroups.com> escreveu:

Hello good night friends problem inRF-382 A-04 is in error not complete the coupling someone can identify the problem and show me how to do the concert,my technician friend could not find the problem.

Thanks good night73.

Best regards,

Bruno Schagas-EB18BC/Brazilian Army.

Photos.
https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529/lightbox/1492920301?orderBy=ordinal&sortOrder=asc&photoFilter=ALL#zax/1492920301

https://groups.yahoo.com/neo/groups/harris-radio/photos/albums/558042529

Video
Harris RF-382A Coupler
| |
| | | | Harris RF-382A Coupler Test Harris RF-382A Coupler,RF-5034P.A 400E,RF-5022R/T(E) in frequency 27.7750Mhz,27.0750Mhz,14.2500Mhz and 07.1400Mhz no Tx Tune Fault in ... | |
| View on www.youtube.com | Preview by Yahoo |
| |

2726. Re: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-11-24 02:24:38 UTC
From: prcradio@...
Topic: 2605 Message: 2726

Olá Bruno e Murillo,
Your RF 382 coupler could be broken or you could have a poor ground plane for it to work against. I have had similar problems tuning with my 382 when there were no ground wires attached to the case of the coupler.

I see the note from Murillo mentions not connecting the ground wires to the coupler case to avoid an unbalanced condition like grounding one side of a dipole. But a coupler feeding a whip with ground wires is different than grounding one side of a dipole and causing an imbalance.

Both sides of a dipole antenna radiate, but when you have two or more equal length ground wires connected to a coupler feeding a vertical antenna the ground wires will not radiate because there will be equal RF currents flowing opposite directions in the ground radials. If you do not have any ground radials connected to the RF-382 or similar coupler, the coaxial feed line will become the single ground radial and it will have RF current flowing on the outside of the coax and it will radiate just like it was one side of a dipole. This can cause all kinds of problems with the RF-382 and most any coupler.

I would recommend connecting at least 3 ground radials at least 3m long each to the 382 coupler case ground going away from the tuner in different directions and try tuning again. If that does not work then try to find an RF-382 coupler instruction manual that has a test procedure for using the internal switches and LED lights to run a complete test of the coupler. This test will identify bad relays or other components in the coupler and there will be a chart that will tell you how to read the LEDs and determine what is wrong.

Boa sorte and I hope you can easily fix the problem.

Mike

2727. RE: [harris-radio] Help Needed with RF-382!!!

Yahoo group: harris-radio
Date: 2015-11-24 04:01:19 UTC
From: Bruno Schagas
Topic: 2605 Message: 2727

Hello ok thanks good night,having more information to help me thank I and the technical who is making repair we are finding many difficulties to find the problem in 382A and the video of W2HX helps but is not too didactic the accent and the way of talk in English is difficult to understand "repair of a harris rf-382a (cu-2397) coupler" the problem in my 383 is similar of the W2HX.

My 382
https://www.youtube.com/watch?v=dG2Mgk8YPmY

Friend of group
https://www.youtube.com/watch?v=_18lQTdBHzg

Thanks good night.

Best regards,

Bruno Schagas.

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Mon, 23 Nov 2015 18:24:38 -0800
Subject: Re: [harris-radio] Help Needed with RF-382!!!

Olá Bruno e Murillo,
Your RF 382 coupler could be broken or you could have a poor ground plane for it to work against. I have had similar problems tuning with my 382 when there were no ground wires attached to the case of the coupler.
I see the note from Murillo mentions not connecting the ground wires to the coupler case to avoid an unbalanced condition like grounding one side of a dipole. But a coupler feeding a whip with ground wires is different than grounding one side of a dipole and causing an imbalance.
Both sides of a dipole antenna radiate, but when you have two or more equal length ground wires connected to a coupler feeding a vertical antenna the ground wires will not radiate because there will be equal RF currents flowing opposite directions in the ground radials.
If you do not have any ground radials connected to the RF-382 or similar coupler, the coaxial feed line will become the single ground radial and it will have RF current flowing on the outside of the coax and it will radiate just like it was one side of a dipole. This can cause all kinds of problems with the RF-382 and most any coupler.
I would recommend connecting at least 3 ground radials at least 3m long each to the 382 coupler case ground going away from the tuner in different directions and try tuning again.
If that does not work then try to find an RF-382 coupler instruction manual that has a test procedure for using the internal switches and LED lights to run a complete test of the coupler. This test will identify bad relays or other components in the coupler and there will be a chart that will tell you how to read the LEDs and determine what is wrong.
Boa sorte and I hope you can easily fix the problem.

Mike

2728. NOS RF 1031 for sale

Yahoo group: harris-radio
Date: 2015-11-24 19:56:53 UTC
From: argus@...
Topic: 2728 Message: 2728

Hello:

I have a RF 1310 for sale . A spare in Sweden and said to never beeing used. . Its in like new condition cosmetically and not a scratch. You can not see any scratches from mounting screws. Even the protecting plastic cups on the connectors are still there. Have some nice photos.

OK start up performance.

Ask 1200 dollars + transport costs + packing costs but prefer pick-up at my QTH in Stockholm. - its heavy and I am 88 years old....

Could eventually be interested in a swap deal like a KX3 or K3 or what have you? I am an active DX’er.

73s de Hans Goldschmidt SM5KI / OH0KI
sm5ki@algonet.se mailto:sm5ki@algonet.se
Stockholm

Sweden

2729. RE: [harris-radio] NOS RF 1031 for sale

Yahoo group: harris-radio
Date: 2015-11-24 20:38:36 UTC
From: Alex Schroeder
Topic: 2728 Message: 2729

I am looking for a HARRIS RF-3201 that does HF and VHF. My thoughts are that they are scarce but will come out soon in surplus.

If you have one send me the details!

Alex N5AES

[Non-text portions of this message have been removed]

2730. Need RPA v6.X, can anybody help?

Yahoo group: harris-radio
Date: 2015-11-25 21:12:14 UTC
From: jjgray@...
Topic: 2730 Message: 2730

Looking for:

Harris RF 6550H HF Radio Programming Application HF RPA6.0
Latest version 6.2.0.23

Thanks
John

2731. Looking for Harris RF-3201 HF/VHF to purchase.

Yahoo group: harris-radio
Date: 2015-11-25 21:34:40 UTC
From: alex.schroeder@...
Topic: 2731 Message: 2731

I used to see a lot of RF-350K on surplus sites but have not seen any RF-3201 at all. Possibly too new to retire despite decades old technology. If you know of one for sale drop a note please.

2732. Re: [harris-radio] Looking for Harris RF-3201 HF/VHF to purchase.

Yahoo group: harris-radio
Date: 2015-11-25 22:15:15 UTC
From: S C Marrow
Topic: 2731 Message: 2732

Probably won't find or see many available, as I understand it, not many were sold, military mainly bought the 5000 series radios to replace the RF-350 series. Have only ever scene one actual 3201 radio.

Steve
KM4V
----- Original Message -----
From: alex.schroeder@... [harris-radio]
To: harris-radio@yahoogroups.com
Sent: Wednesday, November 25, 2015 4:34 PM
Subject: [harris-radio] Looking for Harris RF-3201 HF/VHF to purchase.

I used to see a lot of RF-350K on surplus sites but have not seen any RF-3201 at all. Possibly too new to retire despite decades old technology. If you know of one for sale drop a note please.

2733. Re: PRC-138P V1 modem utilization guidance requested

Yahoo group: harris-radio
Date: 2015-11-26 16:20:58 UTC
From: steve@...
Topic: 2724 Message: 2733

The 6 pin is for audio (handset), A - D are handset, E and F are for fill. J2, the 19 pin is for data and remote as well as fixed audio.

Steve KD2OM

2734. RE: [harris-radio] Looking for Harris RF-3201 HF/VHF to purchase.

Yahoo group: harris-radio
Date: 2015-11-26 17:04:06 UTC
From: Roger Waldmiller
Topic: 2731 Message: 2734

Hello N5AES Alex:

HAPPY THANKSGIVING

Saw you post on harris-radio.

How familiar are you with the 3201??

Are you familiar with the 3200 series ?? 3200E??

I have worked on them and have reassembled some from my collection of bds and materials over the years.

Have all the manuals also.

There were over a 1000 mfg'd and shipped to places all over the globe, mostly to foreign military, I believe.

Not all had the VHF option and Harris had problems with it also.

Regards

Roger w

waldrgr@rochester.rr.com

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, November 25, 2015 4:35 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Looking for Harris RF-3201 HF/VHF to purchase.

I used to see a lot of RF-350K on surplus sites but have not seen any RF-3201 at all. Possibly too new to retire despite decades old technology. If you know of one for sale drop a note please.

This email is free from viruses and malware because avast! Antivirus protection is active.
https://www.avast.com/antivirus

2735. RE: [harris-radio] Looking for Harris RF-3201 HF/VHF to purchase.

Yahoo group: harris-radio
Date: 2015-11-26 17:27:30 UTC
From: W2HX
Topic: 2731 Message: 2735

Interesting, I was not familiar with this radio. But a google found a video of one in operation (not mine)
https://www.youtube.com/watch?v=7XLiZq-pxN8

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, November 26, 2015 12:04 PM
To: harris-radio@yahoogroups.com
Cc: alex.schroder@earthlink.net
Subject: RE: [harris-radio] Looking for Harris RF-3201 HF/VHF to purchase.

Hello N5AES Alex:
HAPPY THANKSGIVING

Saw you post on harris-radio.

How familiar are you with the 3201??
Are you familiar with the 3200 series ?? 3200E??
I have worked on them and have reassembled some from my collection of bds and materials over the years.
Have all the manuals also.
There were over a 1000 mfg'd and shipped to places all over the globe, mostly to foreign military, I believe.
Not all had the VHF option and Harris had problems with it also.

Regards

Roger w
waldrgr@rochester.rr.com<mailto:waldrgr@rochester.rr.com>
k4alphapapa(harris-yahoo ID)
3200 ,2000,3230,
5000, 138, 3201
Rochester NY USA

From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
[mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, November 25, 2015 4:35 PM
To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Subject: [harris-radio] Looking for Harris RF-3201 HF/VHF to purchase.

I used to see a lot of RF-350K on surplus sites but have not seen any RF-3201 at all. Possibly too new to retire despite decades old technology. If you know of one for sale drop a note please.

[http://static.avast.com/emails/avast-mail-stamp.png]<https://www.avast.com/antivirus>

This email is free from viruses and malware because avast!
Antivirus<https://www.avast.com/antivirus> protection is active.

2736. Re: [harris-radio] Looking for Harris RF-3201 HF/VHF to purchase.

Yahoo group: harris-radio
Date: 2015-11-27 00:04:19 UTC
From: S C Marrow
Topic: 2731 Message: 2736

WA4VAG has one, but as far as I know its not working....only one I've ever scene in person

Steve

2737. RF-1310 Weight and Dimensions Question

Yahoo group: harris-radio
Date: 2015-11-27 14:27:22 UTC
From: Greg Gore
Topic: 2737 Message: 2737

Hi folks,
New member here and I am in the process of trying to arrange packing and shipping for an RF-1310 Exciter. I was not able to turn up much info for this one and am hoping someone here can supply the weight and dimensions in order to get a good rugged shipping container constructed.
Thanks in advance,Greg GoreWA1KBQ

2738. RE: [harris-radio] RF-1310 Weight and Dimensions Question

Yahoo group: harris-radio
Date: 2015-11-27 14:47:35 UTC
From: W2HX
Topic: 2737 Message: 2738

Looking at the 1310A manual it says:
7”H x 19”W x 20.5”D
40 lbs

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, November 27, 2015 9:27 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-1310 Weight and Dimensions Question

Hi folks,

New member here and I am in the process of trying to arrange packing and shipping for an RF-1310 Exciter. I was not able to turn up much info for this one and am hoping someone here can supply the weight and dimensions in order to get a good rugged shipping container constructed.

Thanks in advance,
Greg Gore
WA1KBQ

2739. Re: [harris-radio] RF-1310 Weight and Dimensions Question

Yahoo group: harris-radio
Date: 2015-11-27 15:57:42 UTC
From: Greg Gore
Topic: 2737 Message: 2739

Mny tnx W2HX!
73, GregWA1KBQ

On Friday, November 27, 2015 9:47 AM, "W2HX w2hx@... [harris-radio]" <harris-radio@yahoogroups.com> wrote:

Looking at the 1310A manual it says:7”H x 19”W x 20.5”D40 lbs 73 Eugene W2HX From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, November 27, 2015 9:27 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-1310 Weight and Dimensions Question Hi folks, New member here and I am in the process of trying to arrange packing and shipping for an RF-1310 Exciter. I was not able to turn up much info for this one and am hoping someone here can supply the weight and dimensions in order to get a good rugged shipping container constructed. Thanks in advance,Greg GoreWA1KBQ

2740. RT-1694 upgrade/mod question

Yahoo group: harris-radio
Date: 2015-11-27 16:20:46 UTC
From: jjgray@...
Topic: 2740 Message: 2740

I have an RT-1694(P)/U PRC-138
It doesn't have the Serial Tone Mode in it.
That's only available in the RT-1694B(P)/U
I only have 39tone and Binary FSK.

So to change my rig to get Serial Tone Mode, is it a board swap?
Can I do a firmware upgrade to make it an RT-1695B(P)/U?

Any help/advice/guidance will be appreciated.

Just want to get started on the right track here..

Thanks,
John

2741. RE: [harris-radio] Looking for Harris RF-3201 HF/VHF to purchase.

Yahoo group: harris-radio
Date: 2015-11-27 16:27:50 UTC
From: Roger Waldmiller
Topic: 2731 Message: 2741

Hi Steve:

Glad to see another has one.

As I mentioned there were , I est, About 1000 of these made and sent to a lot of foreign countries mainly military.

It is basically a 3200 in a newer ruggedized case. Main differences are the front panel , mods to the audio bd and reengineered the PA assembly and a different regulator. The internal chassis is the same for the 3200. Of course the connector on the rear and front mic are military ver.

The unit s were 12vdc or 24vdc, cable conn.

The unit was increased to 32mhz TxRx.

All options were also available as in the 3200. (FM 2 mtr option 3201 only)

The 3201 was made also in a 3201E ver.

Note to WA4VAG….. If you need info or repair on your 3201 , drop me a e mail.

Regards to all

Roger

Roger w

waldrgr@...

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, November 26, 2015 7:04 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Looking for Harris RF-3201 HF/VHF to purchase.

□

WA4VAG has one, but as far as I know its not working....only one I've ever scene in person

Steve

This email is free from viruses and malware because avast! Antivirus protection is active.
https://www.avast.com/antivirus

2742. RE: [harris-radio] RT-1694 upgrade/mod question

Yahoo group: harris-radio
Date: 2015-11-27 16:47:48 UTC
From: Roger Waldmiller
Topic: 2740 Message: 2742

Hello John:

1st off ….What is the firmware that is presently in your unit …all bds AIA, AIB, A3A,A3B. A4A.A4B.A4C.A4D.A4E.A4F, A10.

This will give me what the unit actually is.

138’s CAME IN 2 CATAGIORIES V1 an V2 and with dozens of different f/w in each. along with some actual bd changes.

The primary bd A4 is the most important and complex. Programming it is even more of a chore.

So e mail me with what you have and I can ck the matrix .

Regards

Roger

Roger w

waldrgr@rochester.rr.com

k4alphapapa(harris-yahoo ID)

3200 ,2000,3230,

5000, 138, 3201

Rochester NY USA

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, November 27, 2015 11:21 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RT-1694 upgrade/mod question

I have an RT-1694(P)/U PRC-138
It doesn't have the Serial Tone Mode in it.
That's only available in the RT-1694B(P)/U
I only have 39tone and Binary FSK.

So to change my rig to get Serial Tone Mode, is it a board swap?
Can I do a firmware upgrade to make it an RT-1695B(P)/U?

Any help/advice/guidance will be appreciated.

Just want to get started on the right track here..

Thanks,
John

This email is free from viruses and malware because avast! Antivirus protection is active.
https://www.avast.com/antivirus

2743. Re: [harris-radio] Looking for Harris RF-3201 HF/VHF to purchase.

Yahoo group: harris-radio
Date: 2015-11-27 20:35:07 UTC
From: S C Marrow
Topic: 2731 Message: 2743

Roger,

Hello it's been awhile since we conversed....I passed your info onto Joe.

Thanks Again & 73,
Steve
KM4V

2744. RF-5720 interface and manual

Yahoo group: harris-radio
Date: 2015-11-27 23:16:03 UTC
From: rhwarner@...
Topic: 2744 Message: 2744

Hello all, new to the group. Just purchased a RF – 5720, does anyone have a manual and/or experience interfacing to a flex 6500.

All help appreciated.

Rodney
Army MARS

2745. Re: RF-5720 interface and manual

Yahoo group: harris-radio
Date: 2015-11-28 01:08:12 UTC
From: steve@...
Topic: 2744 Message: 2745

Rodney

Contact me off list. Email in QRZ is good.

Steve KD2OM

2746. Re: [harris-radio] Re: RF-5720 interface and manual

Yahoo group: harris-radio
Date: 2015-11-28 01:16:37 UTC
From: RODNEY WARNER
Topic: 2744 Message: 2746

Wilco, will email you an 11/28.

Thanks

Rodney H. Warner
512 496-4301
rhwarner@...

This message was sent from my iPhone. Please excuse brevity and typos.

> On Nov 27, 2015, at 19:08, steve@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Rodney
>
> Contact me off list. Email in QRZ is good.
>
> Steve KD2OM
>
>

2747. RF-590H Receiver

Yahoo group: harris-radio
Date: 2015-12-09 04:36:37 UTC
From: j.hafele@...
Topic: 2747 Message: 2747

Hello to all -
New member here and I hope to be able to provide occasional help and support to others in the group over time. I have been in communications electronics since the 60s and have since retired. A ham since 1970 and an avid SWLer since the 60s, too. A die hard receiver lover and have owned most of the more prestigious ones over the years. Too bad that I didn`t keep them all since I could have retired into a life of luxury by selling a receiver a month. I am sure that many of you are familiar with that syndrome.
Anyway, I presently possess a pair of Harris RF-590H receivers, as well as, an R-2368. I am in need of a manual for the RF-590H units. They appear to be as rare as hen`s teeth but someone out there must have one available as a hard copy or on CD, at least. I am more than willing to compensate anyone that could provide me with such documentation, of course. The RF-590, 590A, and R-2368 manuals do not suffice as the various RF-590H assemblies, etc. are quite different than those in the aforementioned models. I have pursued every known source that I am aware of over the past few weeks but to no avail. Any help would be greatly appreciated. Thanks so much and best regards to all.
John, WA1NLJ

2748. Re: RF-5010FP

Yahoo group: harris-radio
Date: 2015-12-09 16:13:00 UTC
From: danacolbert@...
Topic: 2716 Message: 2748

Fletch,

The electrolumenecent backlight has probably gone resistive. It is part of the LCD Module. There are 4 discrete wires that solder into the LCD Driver Board. The two wires you're interested in are soldered into terminals E1 and E2 on that board. Remove and insulate one of them and see if your display comes to life.

The LCD bias voltage is derived from the same circuit as the backlight. If the backlight fails (becomes more like a resistor than a capacitor), it loads down the circuit, swamping out the negative voltage for biasing the LCD glass (used for adjusting the contrast).

The LCD glass and modules are different between the RF-5020 and the RF-5022.

Dana

2749. Re: RF-590H Receiver

Yahoo group: harris-radio
Date: 2015-12-12 19:31:55 UTC
From: steve@...
Topic: 2747 Message: 2749

John,

The manual for the RF-590H is not really a manual as such. It is a supplement to the RF-590 Manual. The H has an interface board to connect it to an RF-1310H. If you check the board numbers, any board that starts 10073- is a standard RF-590 board. The RF-590A, RF-590H and the R-2368 use several RF-590 boards. The big difference other than the display is the synthesizer. The RF-590 uses a 5 board synthesizer, the RF-590H, RF-590A and R-2368 all use a single board synthesizer.

The problem you are going to have getting an RF-590H manual is that they were and still are controlled distribution.

Good luck in your quest.

73
Steve KD2OM

2750. Re: RF-590H Receiver

Yahoo group: harris-radio
Date: 2015-12-12 20:52:11 UTC
From: j.hafele@...
Topic: 2747 Message: 2750

Hi Steve -
Thanks so much for the reply to my inquiry.
I was aware of the fact that a number of "H" model assemblies are the same as the other 590 brethren.However, my area of interest is the A17 Remote Control Assy (10151-6220). It is entirely different than the A17 unit in the other 590 receivers. Totally different component layout, number of DIP switches, jumper locations and designations, etc.
Obviously, such documentation will also be nearly impossible to find. I truly appreciate your assistance and hope that I will be able to return this courtesy in the future.
Very best regards,
John, WA1NLJ

2751. Re: RF-590H Receiver

Yahoo group: harris-radio
Date: 2015-12-14 13:56:55 UTC
From: steve@...
Topic: 2747 Message: 2751

I am glad if I was any help. As to that board, if I hear of anything I will let you know. I doubt it will do you any good unless you had the matching exciter and the computer program that ran them. There is the guy in Toronto who has some stuff advertised but I don't think he will split up parts or manuals, but it wouldn't hurt to ask.

73
Steve KD2OM

2752. Re: RF-590H Receiver

Yahoo group: harris-radio
Date: 2015-12-14 14:39:18 UTC
From: j.hafele@...
Topic: 2747 Message: 2752

Steve -
Thanks so much for the follow up here !
My main interest was in the serial configuration for computer use. That board in question contains a myriad of DIP switches and small 2-3 pin jumpers that are totally different than the board in the other 590 series receivers. Info for such settings as baud rates, addresses, etc. are completely out of reach without that proper A17 supplement. The "H" version board contains (3) DIP switches as opposed to (1) on the standard boards.
The small jumpers and locations do not correspond to the data for the regular 590 whatsoever.The jumper sets are not even designated with the same J-number references, either.
I have searched in vain everywhere that I could think of but no results nor replies except for your helpful info.
It is not the end of the world but I do enjoy the occasional stint on the computer as there are a number of very nice programs available if one spends a little time investigating. I have run the HF-2050s, WJ-8711As, WJ-8712s, and a couple of Cubic receivers in the past and was looking forward to doing the same with the RF-590H. I do have one last inquiry out there that has yet to emit a reply but I do not have high hopes there, either. Anyway, many thanks and your time and effort have been greatly appreciated.
Best regards,
John, WA1NLJ

2753. RE: [harris-radio] Re: RF-590H Receiver

Yahoo group: harris-radio
Date: 2015-12-14 18:46:29 UTC
From: W2HX
Topic: 2747 Message: 2753

The bigger problem you will run into is not how to configure the hardware, but the protocol used to communicate with the radio (commands, etc). Only the 590A (and maybe the R-xxxx radio?) supported an asci command structure. The 590 and 590H used a binary command structure with headers and checksums etc. It is not trivial, although not impossible.

I have documents on this I could share with you if you are interested.

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, December 14, 2015 9:39 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-590H Receiver

Steve -
Thanks so much for the follow up here !
My main interest was in the serial configuration for computer use. That board in question contains a myriad of DIP switches and small 2-3 pin jumpers that are totally different than the board in the other 590 series receivers. Info for such settings as baud rates, addresses, etc. are completely out of reach without that proper A17 supplement. The "H" version board contains (3) DIP switches as opposed to (1) on the standard boards.
The small jumpers and locations do not correspond to the data for the regular 590 whatsoever.The jumper sets are not even designated with the same J-number references, either.
I have searched in vain everywhere that I could think of but no results nor replies except for your helpful info.
It is not the end of the world but I do enjoy the occasional stint on the computer as there are a number of very nice programs available if one spends a little time investigating. I ! have run the HF-2050s, WJ-8711As, WJ-8712s, and a couple of Cubic receivers in the past and was looking forward to doing the same with the RF-590H. I do have one last inquiry out there that has yet to emit a reply but I do not have high hopes there, either. Anyway, many thanks and your time and effort have been greatly appreciated.
Best regards,
John, WA1NLJ

2754. RE: [harris-radio] Re: RF-590H Receiver

Yahoo group: harris-radio
Date: 2015-12-15 02:13:08 UTC
From: j.hafele@...
Topic: 2747 Message: 2754

Eugene -
Ahhh, very interesting revelation. I do possess both the complete manuals for the RF-590A and the R-2368.
I soon learned that most of the info was not pertinent to the RF590H but never delved into the A17 Remote Control theory involved since I do not possess the manual for comparison of the "H" version.
I am probably (?) capable of dealing with the necessary factors involved with the data conversion, etc. However, I must ask myself if this exercise will be worth the end result of controlling the receiver for use with a computer.
Probably not ! Although I have been a knob twiddler since the 60s, I do enjoy sitting back and being able to control a few of these receivers onscreen once in a while. Therefore, I think it best to forego any plans to proceed with this whim at the moment. I most certainly appreciate your enlightenment on this issue and your offer to assist with the necessary info involved. I believe that I have finally found a source of the "H" supplement and am awaiting final word now. If this situation comes to fruition and I can familiarize myself with the unit, I may contact you and accept your most gracious offer of assistance. In the meantime, thanks again and very best regards.
John, WA1NLJ

2755. RF-5034PA-400

Yahoo group: harris-radio
Date: 2015-12-26 18:23:10 UTC
From: vk5abc@...
Topic: 1167 Message: 2755

Hello Roger

Last year you sent me some info on RF-5034PA-400 and seems when my computer crashed I lost that as well. Can you help.

73's Lee.

2756. RF-1110 series

Yahoo group: harris-radio
Date: 2015-12-26 20:04:12 UTC
From: W2HX
Topic: 2756 Message: 2756

Hi folks. I have a 110A and we all know how quiet it is (or isn't). I was curious if anyone can compare the noise of a 1110 to a 110? Any different?

Also, does anyone know of electronic versions of documentation for the 1110 series of amps? I've heard there are several versions of the 1110 as well. Has anyone compiled a list of the differences? I'd like to learn more about these amps.

Thanks all, a happy and a healthy

73 Eugene W2HX

2757. SV: [harris-radio] RF-1110 series

Yahoo group: harris-radio
Date: 2015-12-26 21:01:12 UTC
From: Dr Boost
Topic: 2756 Message: 2757

Hello Eugene and Others!

Eugene, I☐m not sure if what I☐m about to write is what you need, but possibly it may be of interest to someone?

I have a RF-110A in operation, and one waiting for some TLC and a power supply

About noise, I must say that with the intake ☐muffler☐ that I have, I makes noise, but not too bad.

Please note, that my muffler is of the bigger type than what is usually seen.

Please check my qrz.com page and you will see what it looks like.
http://qrz.com/db/SM6OID

Then, and here comes the ☐secret☐ I have added some sound absorbents behind the amplifier.

This really makes a difference.

So, as a conclusion, my RF-110A is not the most quiet TX that I have, but it is OK.

And, it provides me with a powerful voice on the bands!

Using the RF-131-122 exciter with an old dynamic microphone (Mymex, made in Sweden), I constantly get complements for my audio.

IF the signal strength is high, some report a faint fan noise, ☐but never mind☐.

I wish you all a Happy New Year 2016!

/Morgan, SM6OID

Från: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Skickat: den 26 december 2015 21:04
Till: harris-radio@yahoogroups.com
Ämne: [harris-radio] RF-1110 series

Hi folks. I have a 110A and we all know how quiet it is (or isn☐t). I was curious if anyone can compare the noise of a 1110 to a 110? Any different?

Also, does anyone know of electronic versions of documentation for the 1110 series of amps? I☐ve heard there are several versions of the 1110 as well. Has anyone compiled a list of the differences? I☐d like to learn more about

these amps.

Thanks all, a happy and a healthy

73 Eugene W2HX

2758. Re: RF-1110 series

Yahoo group: harris-radio
Date: 2015-12-27 13:00:19 UTC
From: steve@...
Topic: 2756 Message: 2758

Hi Eugene, By quiet, I assume you mean fans. Both amps are pretty noisy, the 1110 use speed controlled fans, or the 1110C does which means that it may be quieter when idle but ramps up when operation. Neither amp is really meant to be installed in an operating shack. I have been meaning to vent mine out through a wall so see if that helps at all.
As to differences, the A uses transistors as output devices and the C and D use FET output devices. The A uses 5 wire control, the C and D serial control. The C and D are more efficient because of the FET's, but I doubt you would see a difference in the utility bill.

Steve KD2OM

2759. RF-590 A4 pwb

Yahoo group: harris-radio
Date: 2015-12-27 14:23:28 UTC
From: vk5abc@...
Topic: 2759 Message: 2759

Hello All

Anyone with an spare A4 mechanical filter if pwb without filters.
73's Lee

2760. RE: [harris-radio] Re: RF-1110 series

Yahoo group: harris-radio
Date: 2015-12-27 18:06:15 UTC
From: W2HX
Topic: 2756 Message: 2760

Thanks, Steve. That is a good summary!

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, December 27, 2015 8:00 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-1110 series

Hi Eugene,
By quiet, I assume you mean fans. Both amps are pretty noisy, the 1110 use speed controlled fans, or the 1110C does which means that it may be quieter when idle but ramps up when operation. Neither amp is really meant to be installed in an operating shack. I have been meaning to vent mine out through a wall so see if that helps at all.
As to differences, the A uses transistors as output devices and the C and D use FET output devices. The A uses 5 wire control, the C and D serial control. The C and D are more efficient because of the FET's, but I doubt you would see a difference in the utility bill.

Steve KD2OM

2761. RF-5022 R/T (E) Modem and ALE Cards

Yahoo group: harris-radio
Date: 2015-12-29 22:11:52 UTC
From: mmellinger100@...
Topic: 2761 Message: 2761

Hi Everyone,
I recently acquired an RF-5022 R/T (E) radio but it does not have the M110A modem card or the ALE card in it. I also have a PRC-138 which has some trouble codes but I think the modem and ALE work good. My question is, are the boards in the PRC-138 compatible with the RF-5022? Could I take a board out of the 138 and put it in the 5022?

Thank you,

Mark
KE5QEO

2762. Re: RF-5022 R/T (E) Modem and ALE Cards

Yahoo group: harris-radio
Date: 2015-12-29 23:54:53 UTC
From: prcradio@...
Topic: 2761 Message: 2762

No, the RF-5022 and PRC-138 are completely different inside and no boards are comparable between them. Another problem with the (E) version is you can't just plug in a new board like ALE and have it work because a PROM or EEPROM on the mother board has to be flashed to allow the new feature.
Mike

2763. Rf-590 A4 cicuit

Yahoo group: harris-radio
Date: 2015-12-30 14:03:32 UTC
From: vk5abc@...
Topic: 2763 Message: 2763

Hello All

Anyone got a circuit and pcb diagram for RF-590 A4 with mechanical filters

73's Lee.

2764. Re: [harris-radio] Re: RF-5022 R/T (E) Modem and ALE Cards

Yahoo group: harris-radio
Date: 2015-12-30 17:44:29 UTC
From: roger
Topic: 2761 Message: 2764

Hi
Mike,
I completely agree with you on the 138 vs the 5022E board interchangeability . THEY ARE DEFINITELY DIFFERENT.
Mark:
It is possible that the A4 modem and A5 ALE bds were removed and the mother bd was not changed.
If doing a Byte test shows A4 and A5 to be faulted ,(A4 FEE, A5 FEE) missing f/w , it may be possible to get another A4 and A5 bds and reinsert them.
If the f/w is not the what was programmed into the mother bd chip , you will get the A4 ,A5 fault. FEE means f/w difference . The unit will work though.
I believe, if the Mother bd is not programmed for the option A4 or A5 , you will not see them then.

The 5022R/T E is a very good unit and is the latest in the old 5000 series . The support ceased in 2006. The replacement is the 5800 series units.
Reprogramming the bds f/w was directly into the unit if you had the E shell which was written using a PC w windows 95/98. It would not work with Xp or above. Exceptions were that , if the A6, A8, A20 was bad you had to program them with an external fixture, same shell and PC.

A disadvantage was the the mother bd had to be programmed with the same f/w rev as what was in each be. Mismatch = byte test “Ax FEE”.
BD info..... A4 bd MODEM
10181-1784-01 CONTAINED MOUNTING PLATE AND 2 BDS
10181-3490-01
10181-3600-01
A5 BD ALE
10181-1914-01 CONTAINED MOUNTING PLATE AND 1 BDS
10181-3450-01

Need more info contact me.

Roger
K4alphapapa(harris-yahoo ID)
waldrgr@...
Rochester NY
3200 3201 3230 2000
138 5000 short range

From: mailto:harris-radio@yahoogroups.com
Sent: Tuesday, December 29, 2015 6:54 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: RF-5022 R/T (E) Modem and ALE Cards

No, the RF-5022 and PRC-138 are completely different inside and no boards are comparable between them. Another problem with the (E) version is you can't just plug in a new board like ALE and have it work because a PROM or EEPROM on the mother board has to be flashed to allow the new feature.
Mike

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

2765. Manual for rf05710A

Yahoo group: harris-radio
Date: 2015-12-31 04:33:52 UTC
From: jjgray@...
Topic: 2765 Message: 2765

Thought I had it but I don't and don't seem to be able to find it.
A PDF would be greatly appreciated.
Best regards and Happy New Year.
John

2766. Re: [harris-radio] Re: RF-5022 R/T (E) Modem and ALE Cards

Yahoo group: harris-radio
Date: 2015-12-31 14:27:32 UTC
From: mmellinger100@...
Topic: 2761 Message: 2766

Thanks Roger and Mike for all the info. If anyone knows where I can get the ALE and M110A modem boards for that radio please let me know.

Also I am in need of the full manual for the RF-5022 R/T (E). If anyone can help with that it would be greatly appreciated.

Thanks

Mark
KE5QEO

2767. [harris-radio] KVL 3000+/4000

Yahoo group: harris-radio
Date: 2016-01-08 08:41:34 UTC
From: TwoWayRadios
Topic: 2678 Message: 2767

I need a few AES-256 or DES-OFB keys on two P25 portables (FOUO use). Buying a KVL is not within budget.

Regards,

2768. Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-01-08 13:17:43 UTC
From: patwong3@...
Topic: 2768 Message: 2768

I've just joined the group, thanks for accepting my membership request! Thanks also for having listed the RF-5022 default 8-digit password 24458300 back in 2010; I needed that to unlock the radio.

My club just acquired the RF-5022R/T(E) with 125W and 400W RF amplifiers, two DC power supplies, the antenna coupler and wire antenna We are missing the following cabling:

qty 2 AC power cords for the DC power supplies
the cable that connects the DC power supplies when powering the 400W amplifier
the power cable from the DC power supplies to the 400W amplifier

Can anyone recommend a good source for the cables, or just the cable connectors to allow fabrication of new cables? Alternatively we could attach commercial AC power cords and install Anderson Powerpole connectors and forget trying to keep the equipment stock.

I also need a handheld microphone for the unit and would appreciate recommendations regarding a suitable mike and where to purchase a connector that will fit the control head. Or should we just replace the mike connector on the control head?

Thanks & 73,

Patrick Wong AK6C

2769. Re: Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-01-08 15:41:56 UTC
From: prcradio@...
Topic: 2768 Message: 2769

My advice would be to keep the equipment completely stock and don't replace any connectors. The power and other connectors are usually available on Ebay or used from companies like the William Perry Company, or new from Spacecraft Components. Hopefully someone on the group can post the connector part #s and pinouts.

The 4-pin power connector on the 400w amp looks similar to the ones on the power supplies but its actually a little different.

I have NIB microphones for $10 plus shipping.

Otherwise congratulations on your acquisition, that's a lot of valuable equipment.
Mike

2770. Re: Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-01-08 15:59:36 UTC
From: steve@...
Topic: 2768 Message: 2770

The handset that goes with the radio is an H-250/U. They are very common on eBay. The audio connector is a U-229, also quite common. The pinout is A GND, B RX, C PTT, D TX.
Here is a link for the power supply information:
http://www.w2hx.com/x/RF-5000/docs/RF-5051PS-125.pdf
http://www.w2hx.com/x/RF-5000/docs/RF-5051PS-125.pdf

Steve KD2OM

2771. Re: Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-01-08 18:16:46 UTC
From: patwong3@...
Topic: 2768 Message: 2771

Many thanks to Steve and Mike for your fast responses. It would be great to receive the connector part numbers if someone has those on hand.

Mike, since your email address is suppressed by Yahoo, could you please send me an email which shows your price including shipping to 85614? patwong3 "at" cox.net

I powered up the unit with the 125W amplifier, set to medium transmit power, and used three lab power supplies to provide up to 10A current since I don't have an AC power cord for the correct power supply.

The spectrum analyzer results for SSB transmission at 14.2 MHz look pretty good, two-tone audio input shows -40 dB and lower odd-order IMD products. Carrier suppression around -60 dB down.

There is a weird spike at -60 dB down from the carrier level, around 8 kHz below the carrier frequency. That spike shows up in either LSB or USB. Is this an artifact created by the software defined radio circuitry?

I opened up the control head and it appears the battery had been replaced, it is the black plastic LTC-7P and measures 3.7V. The control head gasket and lid had really been greased up.

I then opened up the receiver/exciter and found the battery mounted on A6 only measures 1V. Is that battery needed if I am not using the HOP capability? I noticed that the system clock resets to 0 hours when the power is off, but it is not clear what purpose that clock serves other than for HOP.

I'm assuming that the HOP, ALE, digital voice, and encryption functions are all unusable on amateur radio frequencies. I was wondering what are the common uses made of this radio since it seems to be mostly useful for net operations on defined frequencies.

Thanks & 73,

Patrick Wong AK6C
---In harris-radio@yahoogroups.com, <prcradio@...> wrote :

My advice would be to keep the equipment completely stock and don't replace any connectors. The power and other connectors are usually available on Ebay or used from companies like the William Perry Company, or new from Spacecraft Components. Hopefully someone on the group can post the connector part #s and pinouts.

The 4-pin power connector on the 400w amp looks similar to the ones on the power supplies but its actually a little different.

I have NIB microphones for $10 plus shipping.

Otherwise congratulations on your acquisition, that's a lot of valuable equipment.
Mike

2772. [harris-radio] KVL 3000+/4000

Yahoo group: harris-radio
Date: 2016-01-08 18:27:14 UTC
From: TwoWayRadios
Topic: 2678 Message: 2772

Last part was missing from message body.

I need a few AES-256 or DES-OFB keys on two P25 portables (FOUO use). Buying a KVL is not within budget.

Any suggestions, on how I can load keys?

Regards,
>

2773. Re: [harris-radio] Re: Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-01-08 21:16:20 UTC
From: roger
Topic: 2768 Message: 2773

Yes Pat:
The battery on A6 is definitely needed , it holds config and channel memory and sometimes ,if dead, will not let the unit power up’'.

Roger
K4alphapapa(harris-yahoo ID)
waldrgr@...
Rochester NY
3200 3201 3230 2000
138 5000 short range

From: mailto:harris-radio@yahoogroups.com
Sent: Friday, January 08, 2016 1:16 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Few questions on newly acquired RF-5022R/T(E)

Many thanks to Steve and Mike for your fast responses. It would be great to receive the connector part numbers if someone has those on hand.

Mike, since your email address is suppressed by Yahoo, could you please send me an email which shows your price including shipping to 85614? patwong3 "at" cox.net

I powered up the unit with the 125W amplifier, set to medium transmit power, and used three lab power supplies to provide up to 10A current since I don't have an AC power cord for the correct power supply.

The spectrum analyzer results for SSB transmission at 14.2 MHz look pretty good, two-tone audio input shows -40 dB and lower odd-order IMD products. Carrier suppression around -60 dB down.

There is a weird spike at -60 dB down from the carrier level, around 8 kHz below the carrier frequency. That spike shows up in either LSB or USB. Is this an artifact created by the software defined radio circuitry?

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I'm assuming that the HOP, ALE, digital voice, and encryption functions are all unusable on amateur radio frequencies. I was wondering what are the common uses made of this radio since it seems to be mostly useful for net operations on defined frequencies.

Thanks & 73,

Patrick Wong AK6C

---In harris-radio@yahoogroups.com, <prcradio@...> wrote :

My advice would be to keep the equipment completely stock and don't replace any connectors. The power and other connectors are usually available on Ebay or used from companies like the William Perry Company, or new from Spacecraft Components. Hopefully someone on the group can post the connector part #s and pinouts.

The 4-pin power connector on the 400w amp looks similar to the ones on the power supplies but its actually a little different.

I have NIB microphones for $10 plus shipping.

Otherwise congratulations on your acquisition, that's a lot of valuable equipment.
Mike

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

2774. RF-5022R/T(E) Selector Switch to Zero

Yahoo group: harris-radio
Date: 2016-01-08 21:37:54 UTC
From: mbchagasl@...
Topic: 2774 Message: 2774

Hello good night someone can tell me the Zero Code of RF-5022 I can not find where they were noted the code
can anyone help?

Thanks good night 73.

Best regards,

Bruno Schagas PU1BSL / PU1XYZ .

2775. Re: Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-01-09 16:37:25 UTC
From: steve@...
Topic: 2768 Message: 2775

Pat,

The part numbers for the connectors are in the document I sent the link for. The batteries are available from many sources, less than $10 usually. They last a long time. The battery is more for memory than the clock.

ALE can be used on the ham bands although I wouldn't recommend it, there is a group HFLIST that has information about it.

I use my RF-5022E system for MARS and SHARES. You are correct it is better for net operations than casual band scanning. It does have remote control capability which is useful for programming as well as control. One command sets a step rate then inc and dec can be used to move frequency around. The CW offset is either 0 or 1000 Hz to be compliant with mil and non-mil radios. CW works very well as do data modes. Operation with psk31, mt63 and the like work well, I use mine with FLDIGI which has some simple remote control functions. A member of this group has been working on a plug-in for FLDIGI, you will find it in the files section. It is made for a PRC-138 but with slight modification it works with the RF-5022.
The other good thing is that the PA power output is the same peak and average. They will do full power all day long.

Steve KD2OM

2776. Antenna adapters questions

Yahoo group: harris-radio
Date: 2016-01-15 07:11:36 UTC
From: Chris Cheng
Topic: 2768 Message: 2776

Hi there,I am a new member and have some beginners questions on antenna adapters.I cae across three antenna adapters that may be Harris related :Adapter A is claimed to be Harris antenna adapter part # NSN:5820 99 302 2636. Does anyone knows which radio is it built for ?Adapter B may be a British antenna adapter. Does anyone knows which radio is it built for ?Adapter C came with my PRC-117A radio. It is strange in that there is only one threaded terminal (male/female thread) on each end and there is no negative or return terminal. They are electrically open (DC open, no detectable capacitance) between the two ends. The threads are in mil antenna 5/16-24 threads. I modified a commercial N to 3/8 adapter to 5/16-24 so as to accept N type cable to connector from the antenna to the vehicular amp.My question for adapter C is, exactly what is it intend to do if it is open between the two ends ? Will my N adapter be sufficient to couple the antenna out port in the 117 to the vehicular amp ?Or should I just skip the adapter and use the modified N to 3/8 adapter to connect a N/BNC cable between the 117 antenna out and vehicular amp ?Thanks in advanced,Chris

[Non-text portions of this message have been removed]

2777. Re: [harris-radio] Antenna adapters questions

Yahoo group: harris-radio
Date: 2016-01-15 07:16:05 UTC
From: Stuart Mckinnon
Topic: 2768 Message: 2777

Hi Chris

I hope you get the answers to your questions, if you have these adaptors, may we see digital images of them, maybe in the photo's section

Cheers

Stuart
G0TBI

-----Original Message-----
From: Chris Cheng hycheng@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Fri, 15 Jan 2016 7:11
Subject: [harris-radio] Antenna adapters questions

Hi there,I am a new member and have some beginners questions on antenna adapters.I cae across three antenna adapters that may be Harris related :Adapter A is claimed to be Harris antenna adapter part # NSN:5820 99 302 2636. Does anyone knows which radio is it built for ?Adapter B may be a British antenna adapter. Does anyone knows which radio is it built for ?Adapter C came with my PRC-117A radio. It is strange in that there is only one threaded terminal (male/female thread) on each end and there is no negative or return terminal. They are electrically open (DC open, no detectable capacitance) between the two ends. The threads are in mil antenna 5/16-24 threads. I modified a commercial N to 3/8 adapter to 5/16-24 so as to accept N type cable to connector from the antenna to the vehicular amp.My question for adapter C is, exactly what is it intend to do if it is open between the two ends ? Will my N adapter be sufficient to couple the antenna out port in the 117 to th e vehicular amp ?Or should I just skip the adapter and use the modified N to 3/8 adapter to connect a N/BNC cable between the 117 antenna out and vehicular amp ?Thanks in advanced,Chris

[Non-text portions of this message have been removed]

2778. RE: [harris-radio] Antenna adapters questions

Yahoo group: harris-radio
Date: 2016-01-15 07:29:46 UTC
From: Chris Cheng
Topic: 2768 Message: 2778

Thanks Stuart,I forgot to mention, the photos are in the Album Antenna adapter questions in the photo section.Chris

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Fri, 15 Jan 2016 02:16:05 -0500
Subject: Re: [harris-radio] Antenna adapters questions

Hi Chris

I hope you get the answers to your questions, if you have these adaptors, may we see digital images of them, maybe in the photo's section

Cheers

Stuart

G0TBI

-----Original Message-----

From: Chris Cheng hycheng@... [harris-radio] <harris-radio@yahoogroups.com>

To: harris-radio <harris-radio@yahoogroups.com>

Sent: Fri, 15 Jan 2016 7:11

Subject: [harris-radio] Antenna adapters questions

Hi there,I am a new member and have some beginners questions on antenna adapters.I cae across three antenna adapters that may be Harris related :Adapter A is claimed to be Harris antenna adapter part # NSN:5820 99 302 2636. Does anyone knows which radio is it built for ?Adapter B may be a British antenna adapter. Does anyone knows which radio is it built for ?Adapter C came with my PRC-117A radio. It is strange in that there is only one threaded terminal (male/female thread) on each end and there is no negative or return terminal. They are electrically open (DC open, no detectable capacitance) between the two ends. The threads are in mil antenna 5/16-24 threads. I modified a commercial N to 3/8 adapter to 5/16-24 so as to accept N type cable to connector from the antenna to the vehicular amp.My question for adapter C is, exactly what is it intend to do if it is open between the two ends ? Will my N adapter be sufficient to couple the antenna out port in the 117 to th e vehicular amp ?Or should I just skip the adapter and use the modified N to 3/8 adapter to connect a N/BNC cable between the 117 antenna out and vehicular amp ?Thanks in advanced,Chris

[Non-text portions of this message have been removed]

2779. Re: [harris-radio] Antenna adapters questions

Yahoo group: harris-radio
Date: 2016-01-15 09:58:38 UTC
From: Stuart Mckinnon
Topic: 2768 Message: 2779

OK Thanks
I can see them now, I have at least one of them with my kit for the PRC 138, it is actually also used with Current Harris HF manpack radios

Cheers

Stuart
G0TBI

-----Original Message-----
From: Chris Cheng hycheng@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Fri, 15 Jan 2016 7:29
Subject: RE: [harris-radio] Antenna adapters questions

Thanks Stuart,
I forgot to mention, the photos are in the Album Antenna adapter questions in the photo section.
Chris

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Fri, 15 Jan 2016 02:16:05 -0500
Subject: Re: [harris-radio] Antenna adapters questions

Hi Chris

I hope you get the answers to your questions, if you have these adaptors, may we see digital images of them, maybe in the photo's section

Cheers

Stuart
G0TBI

-----Original Message-----
From: Chris Cheng hycheng@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Fri, 15 Jan 2016 7:11
Subject: [harris-radio] Antenna adapters questions

Hi there,I am a new member and have some beginners questions on antenna adapters.I cae across three antenna adapters that may be Harris related :Adapter A is claimed to be Harris antenna adapter part # NSN:5820 99 302 2636. Does anyone knows which radio is it built for ?Adapter B may be a British antenna adapter. Does anyone knows which radio is it built for ?Adapter C came with my PRC-117A radio. It is strange in that there is only one threaded terminal (male/female thread) on each end and there is no negative or return terminal. They are electrically open (DC open, no detectable capacitance) between the two ends. The

threads are in mil antenna 5/16-24 threads. I modified a commercial N to 3/8 adapter to 5/16-24 so as to accept N type cable to connector from the antenna to the vehicular amp.My question for adapter C is, exactly what is it intend to do if it is open between the two ends ? Will my N adapter be sufficient to couple the antenna out port in the 117 to th e vehicular amp ?Or should I just skip the adapter and use the modified N to 3/8 adapter to connect a N/BNC cable between the 117 antenna out and vehicular amp ?Thanks in advanced,Chris

[Non-text portions of this message have been removed]

2780. RF3200E User's Manual

Yahoo group: harris-radio
Date: 2016-01-17 01:17:36 UTC
From: dsmaples@...
Topic: 2780 Message: 2780

I am looking for the Harris RF3200E User's Manual. I have the service manual, but I don't have the user's manual, especially the messages generated by the radio on the display. Anyone out there have at least the chapter on the radio messages?

Thanks,
Dave Maples, WB4FUR

2781. Re: [harris-radio] Antenna adapters questions

Yahoo group: harris-radio
Date: 2016-01-17 02:02:34 UTC
From: hycheng@...
Topic: 2768 Message: 2781

Thanks Stuart.
I got some offline suggestion that item C may be the whip port adapter (picture attached to the same photo album) for 117. I can confirm it is not because the real 117 whip port adapter has BNC connector at one end and also impedance matching circuits inside. My item C adapter is just a male and female 5/16-24 thread on each side.
My question is can I skip the antenna adapter and directly connect the diamond UHF to 3/8-24 (re-thread to 5/16-24) adapter to the 117 whip port and use an UHF/BNC cable to connect it to the vehicular amp without the antenna adapter ? Will there be any risk of DC/AC mis-match between the 117 front-end and vehicular amp and end up blowing up the radio front end ?
Thanks in advanced,
Chris

---In harris-radio@yahoogroups.com, <Stuartjmckinnon@...> wrote :

OK Thanks I can see them now, I have at least one of them with my kit for the PRC 138, it is actually also used with Current Harris HF manpack radios

Cheers

Stuart
G0TBI

-----Original Message-----
From: Chris Cheng hycheng@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Fri, 15 Jan 2016 7:29
Subject: RE: [harris-radio] Antenna adapters questions

Thanks Stuart, I forgot to mention, the photos are in the Album Antenna adapter questions in the photo section.
Chris

To: harris-radio@yahoogroups.com mailto:harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com mailto:harris-radio@yahoogroups.com
Date: Fri, 15 Jan 2016 02:16:05 -0500
Subject: Re: [harris-radio] Antenna adapters questions

Hi Chris

I hope you get the answers to your questions, if you have these adaptors, may we see digital images of them, maybe in the photo's section

Cheers

Stuart
G0TBI

-----Original Message-----
From: Chris Cheng hycheng@... mailto:hycheng@... [harris-radio] <harris-radio@yahoogroups.com mailto:harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com mailto:harris-radio@yahoogroups.com>
Sent: Fri, 15 Jan 2016 7:11
Subject: [harris-radio] Antenna adapters questions

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[Non-text portions of this message have been removed]

2782. Re: [harris-radio] Antenna adapters questions

Yahoo group: harris-radio
Date: 2016-01-17 10:23:39 UTC
From: Stuart Mckinnon
Topic: 2768 Message: 2782

Chris

I am afraid my expertise does not stretch that far, but i am sure someone on this group, will e able to help

Stuart
G0TBI

-----Original Message-----
From: hycheng@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sun, 17 Jan 2016 2:02
Subject: Re: [harris-radio] Antenna adapters questions

Thanks Stuart.
I got some offline suggestion that item C may be the whip port adapter (picture attached to the same photo album) for 117. I can confirm it is not because the real 117 whip port adapter has BNC connector at one end and also impedance matching circuits inside. My item C adapter is just a male and female 5/16-24 thread on each side.
My question is can I skip the antenna adapter and directly connect the diamond UHF to 3/8-24 (re-thread to 5/16-24) adapter to the 117 whip port and use an UHF/BNC cable to connect it to the vehicular amp without the antenna adapter ? Will there be any risk of DC/AC mis-match between the 117 front-end and vehicular amp and end up blowing up the radio front end ?
Thanks in advanced,
Chris

---In harris-radio@yahoogroups.com, <Stuartjmckin non@...> wrote :

OK Thanks
I can see them now, I have at least one of them with my kit for the PRC 138, it is actually also used with Current Harris HF manpack radios

Cheers

Stuart
G0TBI

-----Original Message-----
From: Chris Cheng hycheng@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Fri, 15 Jan 2016 7:29
Subject: RE: [harris-radio] Antenna adapters questions

Thanks Stuart,
I forgot to mention, the photos are in the Album Antenna adapter questions in the photo section.

Chris

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Fri, 15 Jan 2016 02:16:05 -0500
Subject: Re: [harris-radio] Antenna adapters questions

Hi Chris

I hope you get the answers to your questions, if you have these adaptors, may we see digital images of them, maybe in the photo's section

Cheers

Stuart
G0TBI

-----Original Message-----
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[Non-text portions of this message have been removed]

2783. Re: [harris-radio] RF3200E User's Manual

Yahoo group: harris-radio
Date: 2016-01-17 18:13:44 UTC
From: roger
Topic: 2780 Message: 2783

Hi Dave:
The users manual for the 3200E is 10212-0050-20
and a service manual for the 3200E is 10212-0300-20 Is this the service man. you mentioned???

I may be able to fill your wish ....contact me.
Roger
K4alphapapa(harris-yahoo ID)
waldrgr@...
Rochester NY
3200 3201 3230 2000
138 5000 short range

From: mailto:harris-radio@yahoogroups.com
Sent: Saturday, January 16, 2016 8:17 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF3200E User's Manual

I am looking for the Harris RF3200E User's Manual. I have the service manual, but I don't have the user's manual, especially the messages generated by the radio on the display. Anyone out there have at least the chapter on the radio messages?

Thanks,

Dave Maples, WB4FUR

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

2784. PRC-138 modules

Yahoo group: harris-radio
Date: 2016-01-22 16:55:03 UTC
From: mmellinger100@...
Topic: 2784 Message: 2784

Hi everyone,

I recently acquired a prc-138 and I would like to change out the modules that control the ALE function and the Data modem. Which modules control these functions?

Thanks

Mark
KE5QEO

2785. Re: [harris-radio] PRC-138 modules

Yahoo group: harris-radio
Date: 2016-01-22 19:10:15 UTC
From: roger
Topic: 2784 Message: 2785

Hi Mark:
The Prc 138 does NOT have individual bds for different functions like the Rf 5000 ,5022 /5022E
The main processor bd A4 does these and others depending weather A3 or and A1A2 bd is installed.

Also depending on the model you have V1 or V2 will depend on what bds can be upgraded in f/w or even changed from unit to unit.

To start of with, what you have or can do with that unit. Some info must be had .
1 ....Does the unit power up??
2... what is the firm ware in the radio now.?? If it powers up , can be read on the front panel. “Function” sw to ”Test”, left/right arrows scroll to
Version”, ENT, up/dwn arrows to see each bd with number abs letter to indicate f/w on that bd. Make list.

3..... Is the unit a V! or V2 series?/ what is on the label.???

Knowing what the f/w is on each bd will ID the unit capabilities.

Do you have manuals , user, operation, service.???

Regards
Roger
K4alphapapa(harris-yahoo ID)
waldrgr@...
Rochester NY
3200 3201 3230 2000
138 5000 short range

From: mailto:harris-radio@yahoogroups.com
Sent: Friday, January 22, 2016 11:55 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] PRC-138 modules

Hi everyone,

I recently acquired a prc-138 and I would like to change out the modules that control the ALE function and the Data modem. Which modules control these functions?

Thanks

Mark
KE5QEO

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

2786. Wanted 4127 Bird Wattmeter

Yahoo group: harris-radio
Date: 2016-01-24 18:48:29 UTC
From: Pasquale Lombardi
Topic: 2786 Message: 2786

Want to purchase,

MODEL 4127 Bird Thruline HF/VHF RF Wattmeter.

Pasquale.nj@...

Kc2rnn

2787. Re: Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-01-31 21:49:48 UTC
From: patwong3@...
Topic: 2768 Message: 2787

An update: Thanks to the members who responded to my questions!!

I bought the correct lithium battery, the correct AC power cord connectors and generic power cords from Mouser. That allowed me to replace the battery on A6 and fabricate AC power cords for the two 28VDC power supplies I bought the handheld microphone which Mike had offered for sale, an excellent deal!

Now the radio is working very well with the 125W power amplifier, and it produces ~140W on all bands except 10M where the power drops down to ~125W (actually 124W at 29 MHz.)

So far I've used the radio on 75M, 60M, 40M and 17M, with a G5RV type antenna at 70 feet. The automatic antenna tuner works great!

When using that radio I feel like I am in contact with battalion headquarters, or maybe calling for close air support on a nearby enemy position...

Many thanks also to W2HX who posted the RF-5000 operations and maintenance docs on his website. Although that radio is not exactly the same as the RF-5022, there are sufficient similarities so that the docs are very useful. In particular, I learned the concept that it is possible to scan frequencies by using arrow keys on the pushbutton pad. The RF-5022 operations manual provided absolutely no mention of being able to tune up and down from an established frequency on channel 00.

I need to fabricate the cable which puts the two 28VDC power supplies in parallel, and the cable that runs from a power supply to the 400W power amplifier. Here are my sources for the correct connectors, after consulting with group members and studying the Harris cable specs (thanks for the link, Steve):

qty 1, female connector, eBay item 141716211541
qty 3, male connector, eBay item 200877075274

73 to all,

Patrick Wong AK6C

---In harris-radio@yahoogroups.com, <steve@...> wrote :

Pat,

The part numbers for the connectors are in the document I sent the link for. The batteries are available from many sources, less than $10 usually. They last a long time. The battery is more for memory than the clock.

ALE can be used on the ham bands although I wouldn't recommend it, there is a group HFLIST that has information about it.

I use my RF-5022E system for MARS and SHARES. You are correct it is better for net operations than casual band scanning. It does have remote control capability which is

useful for programming as well as control. One command sets a step rate then inc and dec can be used to move frequency around. The CW offset is either 0 or 1000 Hz to be compliant with mil and non-mil radios. CW works very well as do data modes. Operation with psk31, mt63 and the like work well, I use mine with FLDIGI which has some simple remote control functions. A member of this group has been working on a plug-in for FLDIGI, you will find it in the files section. It is made for a PRC-138 but with slight modification it works with the RF-5022.
The other good thing is that the PA power output is the same peak and average. They will do full power all day long.

Steve KD2OM

2788. Need an AM-6874 for $ or RT-1209 boards

Yahoo group: harris-radio
Date: 2016-02-02 01:47:58 UTC
From: jjgray@...
Topic: 2788 Message: 2788

Hello Folks,
I am in need of one (actually 2) AM-6874 Amp/Coupler for the prc-104.
I can pay cash or trade boards for the RT-1209.
I have spares of all four boards.

Thanks in advance,
John

2789. RE: [harris-radio] Need an AM-6874 for $ or RT-1209 boards

Yahoo group: harris-radio
Date: 2016-02-02 02:22:33 UTC
From: Richard Johnson
Topic: 2788 Message: 2789

I really hate to be a downer on this for ya but there are about 10 times as many rt1209s as ther are prc-104 couplers. Thats due to the grf-193 and urc-113 sustems using them.
I have never seen a working coupler for sale seperately. Not saying nobody does it but if a coupler is worth 800-1000 dollars due to rarity, add on a 1209 and your 104 is worth more than the sume of its parts.
I have almost every single possible option and accessory for the 1209 system based family with exception of the ale and hopping controller.
I bought a dead 104 on ebay with the hopes the coupler worked. It did and I cared less if i got the rt working, and I did eventually.
This is the best way to get a coupler since the rt is usually the failure.
Good luck in your search.
Regards
Rich Johnson
Ki6eza

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Mon, 1 Feb 2016 17:47:58 -0800
Subject: [harris-radio] Need an AM-6874 for $ or RT-1209 boards

Hello Folks,
I am in need of one (actually 2) AM-6874 Amp/Coupler for the prc-104.
I can pay cash or trade boards for the RT-1209.
I have spares of all four boards.

Thanks in advance,
John

2790. Re: [harris-radio] Need an AM-6874 for $ or RT-1209 boards

Yahoo group: harris-radio
Date: 2016-02-02 02:32:12 UTC
From: Peter Gottlieb
Topic: 2788 Message: 2790

I was actually thinking of building my own. The GRC cables are available and 30 watt HF amp boards are around. Add a fast tuner and it should be better than original.

Peter

> On Feb 1, 2016, at 9:22 PM, Richard Johnson killroy321@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> I really hate to be a downer on this for ya but there are about 10 times as many rt1209s as ther are prc-104 couplers. Thats due to the grf-193 and urc-113 sustems using them.
> I have never seen a working coupler for sale seperately. Not saying nobody does it but if a coupler is worth 800-1000 dollars due to rarity, add on a 1209 and your 104 is worth more than the sume of its parts.
> I have almost every single possible option and accessory for the 1209 system based family with exception of the ale and hopping controller.
> I bought a dead 104 on ebay with the hopes the coupler worked. It did and I cared less if i got the rt working, and I did eventually.
> This is the best way to get a coupler since the rt is usually the failure.
> Good luck in your search.
> Regards
> Rich Johnson
> Ki6eza
>
> To: harris-radio@yahoogroups.com
> From: harris-radio@yahoogroups.com
> Date: Mon, 1 Feb 2016 17:47:58 -0800
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> Hello Folks,
> I am in need of one (actually 2) AM-6874 Amp/Coupler for the prc-104.
> I can pay cash or trade boards for the RT-1209.
> I have spares of all four boards.
>
> Thanks in advance,
> John
>
>
>
>

2791. Re: [harris-radio] Need an AM-6874 for $ or RT-1209 boards

Yahoo group: harris-radio
Date: 2016-02-03 21:29:15 UTC
From: jjgray@...
Topic: 2788 Message: 2791

Thanks Rich,
You are so correct.
Heck, I'd even take a dead prc-104 since I'm getting good at this fixing stuff.

An update,
I repaired one AM-6874 coupler but at the same time repaired a dead RT-1209.
Thank goodness for spare boards.
At any rate, I still need 2 more couplers if anybody could point me in the right direction.
Thanks,
John

2792. Harris message terminal and Tac Chat software

Yahoo group: harris-radio
Date: 2016-02-05 15:13:17 UTC
From: mmellinger100@...
Topic: 2792 Message: 2792

Hi Everyone, Can anyone tell me if the following software will work on a PRC-138 v II:

Harris RF-6760W-HPW Wireless Message Terminal Software, version 1.0

Harris RF-6551H Tactical Chat Software Version 1.3.1

Thanks
Mark
KE5QEO

2793. Re: Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-02-14 13:04:34 UTC
From: patwong3@...
Topic: 2768 Message: 2793

A second update and question:

Another club member fabricated the two cables using the connectors cited below and 4-conductor 12AWG cabling purchased at Lowes, and the cables work well.

However I found that the 400W amplifier produces only ~325W power output at high power, as measured by the internal Harris wattmeter. The power output drops down further to around 280W on 10M. Those readings are confirmed by the wattmeter on a Dentron antenna tuner that we have. Medium power is around 200W and low power is around 50W.

I am wondering whether anyone has experience with that amp and can say what is the typical high power output to be expected? I've heard that the output should be 500W or greater.

Thanks & 73,

Patrick Wong AK6C
---In harris-radio@yahoogroups.com, <patwong3@...> wrote :

...I need to fabricate the cable which puts the two 28VDC power supplies in parallel, and the cable that runs from a power supply to the 400W power amplifier. Here are my sources for the correct connectors, after consulting with group members and studying the Harris cable specs (thanks for the link, Steve):

qty 1, female connector, eBay item 141716211541
qty 3, male connector, eBay item 200877075274

73 to all,

Patrick Wong AK6C

2794. RE: [harris-radio] Re: Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-02-14 16:29:32 UTC
From: Richard Johnson
Topic: 2768 Message: 2794

Are you using the Harris RF382 antenna coupler?
If not, your SWR will vary and effect the wattage output reading.

Sounds like you are using a different brand antenna coupler. Try putting an inline wattmeter after your antenna coupler.

My 400w amp on my 5022 regularly displays 400-450 on a band resonant dipole.
The further from resonant your antenna is the lower your power will read.
Regards
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Sun, 14 Feb 2016 05:04:34 -0800
Subject: [harris-radio] Re: Few questions on newly acquired RF-5022R/T(E)

A second update and question:
Another club member fabricated the two cables using the connectors cited below and 4-conductor 12AWG cabling purchased at Lowes, and the cables work well.
However I found that the 400W amplifier produces only ~325W power output at high power, as measured by the internal Harris wattmeter. The power output drops down further to around 280W on 10M. Those readings are confirmed by the wattmeter on a Dentron antenna tuner that we have. Medium power is around 200W and low power is around 50W.
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Thanks & 73,
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---In harris-radio@yahoogroups.com, <patwong3@...> wrote :

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73 to all,
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2795. Re: [harris-radio] Re: Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-02-14 17:32:07 UTC
From: Stuart Mckinnon
Topic: 2768 Message: 2795

Good afternoon Folks

Likewise my RF-5022 with 125watt amp displays 154 watts when I use it on 3.615Khz

Sounds good to me !

Stuart
G0TBI

-----Original Message-----
From: Richard Johnson killroy321@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sun, 14 Feb 2016 16:30
Subject: RE: [harris-radio] Re: Few questions on newly acquired RF-5022R/T(E)

Are you using the Harris RF382 antenna coupler?
If not, your SWR will vary and effect the wattage output reading.

Sounds like you are using a different brand antenna coupler. Try putting an inline wattmeter after your antenna coupler.

My 400w amp on my 5022 regularly displays 400-450 on a band resonant dipole.
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Thomas Jefferson

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From: harris-radio@yahoogroups.com
Date: Sun, 14 Feb 2016 05:04:34 -0800
Subject: [harris-radio] Re: Few questions on newly acquired RF-5022R/T(E)

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73 to all,

Patrick Wong AK6C

2796. Re: [harris-radio] Re: Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-02-14 18:50:06 UTC
From: W2HX
Topic: 2768 Message: 2796

Are you using a dummy load?

From: "patwong3@cox.net [harris-radio]" <harris-radio@yahoogroups.com>
Sent: Feb 14, 2016 8:04 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Few questions on newly acquired RF-5022R/T(E)

A second update and question:

Another club member fabricated the two cables using the connectors cited below and 4-conductor 12AWG cabling purchased at Lowes, and the cables work well.

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Patrick Wong AK6C

---In harris-radio@yahoogroups.com, <patwong3@...> wr! ote :

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qty 3, male connector, eBay item 200877075274

73 to all,

Patrick Wong AK6C

2797. Re: [harris-radio] Re: Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-02-14 19:42:11 UTC
From: patwong3@...
Topic: 2768 Message: 2797

Dear all,

Thanks for the responses.

I am using a 50 ohm dummy load which is integrated into a Dentron antenna tuner. The Harris 400W amplifier is feeding the Harris automatic antenna tuner which is feeding the Dentron dummy load. The Dentron tuner circuitry is not inline for this testing.

I had noticed the 125W amplifier actually produces ~145W on all bands except 10M where the output is at spec. That is why I was disappointed to see the 400W amplifier only producing, at best, around 80% of spec power.

I've also had the 400W amplifier feeding a G5RV type antenna at 70 feet via the Harris auto tuner, and the power output per the Harris internal wattmeter remains around the same.

I take it then, that no one has dealt with this issue? I removed the top cover and did not see any obvious problems with the amplifier output toroidal coils or the 28VDC input wiring.

The next step is to try to get a maintenance manual for this amplifier.

73,

Patrick Wong AK6C
---In harris-radio@yahoogroups.com, <w2hx@...> wrote :

Are you using a dummy load?

From: "patwong3@... [harris-radio]" <harris-radio@yahoogroups.com>
Sent: Feb 14, 2016 8:04 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Few questions on newly acquired RF-5022R/T(E)

A second update and question:

Another club member fabricated the two cables using the connectors cited below and 4-conductor 12AWG cabling purchased at Lowes, and the cables work well.

However I found that the 400W amplifier produces only ~325W power output at high power, as measured by the internal Harris wattmeter. The power output drops down further to around 280W on 10M. Those readings are confirmed by the wattmeter on a Dentron antenna tuner that we have. Medium power is around 200W and low power is around 50W.

I am wondering whether anyone has experience with that amp and can say what is the typical high power output to be expected? I've heard that the output should be 500W or greater.

Thanks & 73,

Patrick Wong AK6C
---In harris-radio@yahoogroups.com, <patwong3@...> wr! ote :

...I need to fabricate the cable which puts the two 28VDC power supplies in parallel, and the cable that runs from a power supply to the 400W power amplifier. Here are my sources for the correct connectors, after consulting with group members and studying the Harris cable specs (thanks for the link, Steve):

qty 1, female connector, eBay item 141716211541
qty 3, male connector, eBay item 200877075274

73 to all,

Patrick Wong AK6C

2798. Re: [harris-radio] Re: Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-02-14 19:46:53 UTC
From: W2HX
Topic: 2768 Message: 2798

My recommendation would be to eliminate the Harris coupler, config the radio so it Knowles it had no coupler, and feed the dummy load directly from the amp. Although it sounds like the problem May be, in the amp, we can be sure when you eliminate the coupler as a variable
Eugene

From: "patwong3@cox.net [harris-radio]" <harris-radio@yahoogroups.com>
Sent: Feb 14, 2016 2:42 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: Few questions on newly acquired RF-5022R/T(E)

Dear all,

Thanks for the responses.

I am using a 50 ohm dummy load which is integrated into a Dentron antenna tuner. The Harris 400W amplifier is feeding the Harris automatic antenna tuner which is feeding the Dentron dummy load. The Dentron tuner circuitry is not inline for this testing.

I had noticed the 125W amplifier actually produces ~145W on all bands except 10M where the output is at spec. That is why I was disappointed to see the 400W amplifier only producing, at best, around 80% of spec power.

I've also had the 400W amplifier feeding a G5RV type antenna at 70 feet via the Harris auto tuner, and the power output per the Harris internal wattmeter remains around the same.

I take it then, that no one has dealt with this issue? I removed the top cover and did not see any obvious problems with the amplifier output toroidal c! oils or the 28VDC input wiring.

The next step is to try to get a maintenance manual for this amplifier.

73,

Patrick Wong AK6C

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Are you using a dummy load?

From: "patwong3@... [harris-radio]" <harris-radio@yahoogroups.com>
Sent: Feb 14, 2016 8:04 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Few questions on newly acquired RF-5022R/T(E)

A second update and question:

Another club member fabricated the two cables using the connectors cited below and 4-conductor 12AWG cabling purchased at Lowes, and the cables work well.

However I found that the 400W amplifier produces only ~325W power output at high power, as measured by the internal Harris wattmeter. The power output drops down further to around 280W on 10M. Those readings are confirmed by the wattmeter on a Dentron antenna tuner that we have. Medium power is around 200W and low power is around 50W.

I am wondering whether anyone has experience with that amp and can say what is the typical high power output to be expected? I've heard that the output should be 500W or greater.

Thanks & 73,

Patrick Wong AK6C

---In harris-radio@yahoogroups.com, <patwong3@...> wr! ote :

...I need to fabricate the cable which puts the two 28VDC power supplies in parallel, and the cable that runs from a power supply to the 400W power amplifier. Here are my sources for the correct connectors, after consulting with group members and studying the Harris cable specs (thanks for the link, Steve):

qty 1, female connector, eBay item 141716211541
qty 3, male connector, eBay item 200877075274

73 to all,

Patrick Wong AK6C

2799. Re: [harris-radio] Re: Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-02-14 23:51:05 UTC
From: patwong3@...
Topic: 2768 Message: 2799

Hi Eugene,

Yes, I had tried running coax directly from the 400W amplifier to the 50 ohm dummy load so that the Harris antenna tuner was out of the picture. I also disconnected the control cable between the amp and the Harris tuner. There was no significant difference in the Harris wattmeter output reading, and the Dentron wattmeter also provided similar readings.

Thanks,

Patrick Wong AK6C

---In harris-radio@yahoogroups.com, <w2hx@...> wrote :

My recommendation would be to eliminate the Harris coupler, config the radio so it Knowles it had no coupler, and feed the dummy load directly from the amp. Although it sounds like the problem May be, in the amp, we can be sure when you eliminate the coupler as a variable
Eugene

2800. RF-625A

Yahoo group: harris-radio
Date: 2016-02-15 21:53:10 UTC
From: rl.boltz@...
Topic: 2800 Message: 2800

Will the RF-625A long wire adapter also aid the CU-2310 to tune longer wires? Mine tunes most bands OK but not usually above 20 meters (>14 MHz). If so, where does it attach? I can't find any information.

Ron Boltz
K3TZJ

2801. Re: [harris-radio] RF-625A

Yahoo group: harris-radio
Date: 2016-02-15 21:54:43 UTC
From: Peter Gottlieb
Topic: 2800 Message: 2801

I thought it was simply a series capacitor?

On 2/15/2016 4:53 PM, rl.boltz@... [harris-radio] wrote:
>
> Will the RF-625A long wire adapter also aid the CU-2310 to tune longer wires?
> Mine tunes most bands OK but not usually above 20 meters (>14 MHz). If so,
> where does it attach? I can't find any information.
>
>
> Ron Boltz
>
> K3TZJ
>
>

2802. Re: [harris-radio] RF-625A

Yahoo group: harris-radio
Date: 2016-02-16 03:30:19 UTC
From: S C Marrow
Topic: 2800 Message: 2802

I had one and took it apart, it had (as best I recall) a 150pF fixed glass vacuum cap in it. As I say this is from recall, but fairly sure on value, cause I was surprised it was that much capacitance, was expecting 50pF t0 100pF.

Steve
KM4V

2803. Re: RF-625A

Yahoo group: harris-radio
Date: 2016-02-16 17:02:35 UTC
From: Ron Boltz
Topic: 2800 Message: 2803

Yep, I found info. The 625 is 100 pf in series and the 625A is 150 pf. Probably too much for my installation. The CU-2310 adds capacitance for the long wire setting but sometimes not enough. If the 625 was attached permanently, I probably would not be able to tune lower frequencies.

Ron Boltz

2805. Re: [harris-radio] Re: Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-02-17 00:27:08 UTC
From: steve@...
Topic: 2768 Message: 2805

Pat,
The 400 watt amp should self test at about 454 watts but under actual usage it is a "nominal" 400. I don't know where you heard that it could be greater than 500w.
If you have low output there are a couple of things to check. I would put a voltmeter on the voltage input to the Amp to see if it is sagging under load. Also make sure that both supplies are working correctly. Try running the system with only one on at a time. It will run fine at medium power on one supply.
Another area of concern is the harmonic filter board. The filter board components have had issues (this is the reason for the internal fan). It is self healing, if it fails it will bypass to the next highest band. A problem here will usually show up with self test.
Since you are getting 200 watts and 50 watts, it sounds like the control circuits are working properly so I really suspect a voltage problem.
I will check mine when I get a chance.

Steve KD2OM

2806. Re: RF-625A

Yahoo group: harris-radio
Date: 2016-02-17 00:40:27 UTC
From: steve@...
Topic: 2800 Message: 2806

The long wire adaptor used with the CU-2310 and RF-382 is a 50 PF cap. It is installed in series with the high voltage connector. The RF-625 and RF-625A are for the RF-601 coupler which has different tuning elements.

Steve KD2OM

2807. Re: Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-02-17 02:16:35 UTC
From: patwong3@...
Topic: 2768 Message: 2807

Hi Steve,

1. I measured voltage at the one 28V power supply that has an open power outlet socket and the voltage dropped from 28.6V to 28.4V when key-down. So that seemed a very good result.

2. I removed the top lid of the 400W amplifier and saw no obvious problems with the toroidal output coils, relays or the 28VDC input wiring which was visible.

3. I suppose I could measure the 28V with the top lid removed, to see what voltage is at the amplifier power input when key-down. With the top lid off though, perhaps the stray RF might impact the DMM reading?

4. I noticed the fan cooling the output coils. I suppose that amp contains two fans in total?

Thanks,

Patrick Wong AK6C

---In harris-radio@yahoogroups.com, <steve@...> wrote :

Pat,
The 400 watt amp should self test at about 454 watts but under actual usage it is a "nominal" 400. I don't know where you heard that it could be greater than 500w.
If you have low output there are a couple of things to check. I would put a voltmeter on the voltage input to the Amp to see if it is sagging under load. Also make sure that both supplies are working correctly. Try running the system with only one on at a time. It will run fine at medium power on one supply.
Another area of concern is the harmonic filter board. The filter board components have had issues (this is the reason for the internal fan). It is self healing, if it fails it will bypass to the next highest band. A problem here will usually show up with self test.
Since you are getting 200 watts and 50 watts, it sounds like the control circuits are working properly so I really suspect a voltage problem.
I will check mine when I get a chance.

Steve KD2OM

2808. RF625

Yahoo group: harris-radio
Date: 2016-02-17 08:56:38 UTC
From: Alan Morriss
Topic: 2808 Message: 2808

hello , i thought that adding capacitance in series with an aerial has the effect of electrically shortening it. the 625 is necessary for the RF601 to tune a long wire as it was designed to match short whip aerials to a 50 ohm output. i find that my RF601 with the 625 works very well matching a 132 ft long wire to the RF3200 . perhaps i am wrong ,but i would imagine 150 pf would be better. alan G4GEN

2809. Re: Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-02-17 17:32:43 UTC
From: prcradio@...
Topic: 2768 Message: 2809

Measure the voltage inside the amp, that will tell you if its drooping beyond what is required for full output. There should be an internal fan or fans to cool the filters and an external fan that blows over the heatsink.

Mine had a 28v 400cy "air bearing" fan inside for the filters which ran continuously and sounded like a jet helicopter hovering nearby. I made a bracket that held two small muffin fans to replace it and now all is good and quiet now.

I've measured power on various bands in the past and remember if varies from the high 300w range to well over 400w depending on the band.
Mike

2810. Harris number for AT 1011 base

Yahoo group: harris-radio
Date: 2016-02-17 20:06:05 UTC
From: strandbiker1@...
Topic: 2810 Message: 2810

I need the Harris part number for the Witch's Hat straight wire base for the 32' AT 1011. The Shakespeare number is 120-28. I want to swap the coax connector version for the straight wire version to connect to to the HV input of a 5382 coupler

Thanks

Skip

KD6JA

2811. Re: [harris-radio] Harris number for AT 1011 base

Yahoo group: harris-radio
Date: 2016-02-17 20:13:18 UTC
From: Brooke Clarke
Topic: 2810 Message: 2811

Hi Skip:

Do The government drawing number is SC-C160410
http://www.prc68.com/I/AT1011.shtml
If you find a Harris number please let me know.

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html

strandbiker1@... [harris-radio] wrote:
>
>
> I need the Harris part number for the Witch's Hat straight wire base for the 32' AT 1011. The Shakespeare number is
> 120-28. I want to swap the coax connector version for the straight wire version to connect to to the HV input of a
> 5382 coupler
>
>
> Thanks
>
>
> Skip
>
>
> KD6JA
>
>
>
>

2812. RE: [harris-radio] Harris number for AT 1011 base

Yahoo group: harris-radio
Date: 2016-02-17 21:11:19 UTC
From: Richard Johnson
Topic: 2810 Message: 2812

My harris catalog does not list the 120-28 witches hat base seperately but the entire 32ft AT-1011 made by Harris is pn SB-V35C.
Rich Johnson
KI6EZA

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Wed, 17 Feb 2016 12:13:18 -0800
Subject: Re: [harris-radio] Harris number for AT 1011 base

Hi Skip:

Do The government drawing number is SC-C160410

http://www.prc68.com/I/AT1011.shtml

If you find a Harris number please let me know.

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
http://www.prc68.com/I/DietNutrition.html
strandbiker1@... [harris-radio]
wrote:

I need the Harris part number for the Witch's Hat
straight wire base for the 32' AT 1011. The Shakespeare
number is 120-28. I want to swap the coax connector version
for the straight wire version to connect to to the HV input
of a 5382 coupler

Thanks

Skip

KD6JA

2813. Re: [harris-radio] Harris number for AT 1011 base

Yahoo group: harris-radio
Date: 2016-02-17 22:24:22 UTC
From: Alex J Rokowetz
Topic: 2810 Message: 2813

I think I found the requested information in an old catalog I have in my inventory. See the second page.

https://app.box.com/s/y2psrtlfslxo947vozn2zrlaxz3xp485

AlexK2AJR

From: "strandbiker1@... [harris-radio]" <harris-radio@yahoogroups.com>
To: harris-radio@yahoogroups.com
Sent: Wednesday, February 17, 2016 3:06 PM
Subject: [harris-radio] Harris number for AT 1011 base

I need the Harris part number for the Witch's Hat straight wire base for the 32' AT 1011. The Shakespeare number is 120-28. I want to swap the coax connector version for the straight wire version to connect to to the HV input of a 5382 coupler
Thanks
Skip
KD6JA

2814. RE: [harris-radio] Harris number for AT 1011 base

Yahoo group: harris-radio
Date: 2016-02-17 22:48:26 UTC
From: strandbiker1@...
Topic: 2810 Message: 2814

Hello Rich, et al.

Yes I already have the AT1011 and the coax based base adapter. I have a loaner 5382 from Harris and want to convert the AT1011 from coax to open wire and run it off the HV port on the 5382. I have a RF 1950 inverted Vee that I am going to run via a 1:1 balun to the 50 ohm port. I understand tht I can control switching from the 5800 H control head.

Skip

2815. RE: [harris-radio] Harris number for AT 1011 base

Yahoo group: harris-radio
Date: 2016-02-17 23:21:18 UTC
From: prcradio@...
Topic: 2810 Message: 2815

Skip,
I can loan you a mount until you find one to purchase.

Mike

2816. RE: [harris-radio] Harris number for AT 1011 base

Yahoo group: harris-radio
Date: 2016-02-17 23:46:31 UTC
From: Richard Johnson
Topic: 2810 Message: 2816

As far as I know, you can only connect the coax to the 382 coupler when a lever is turned to access it, closing a switch inside the coupler and locking out the high voltage wore terminal. I do not believe you can have both antennas operational and switch back and forth from the radio. As long as the lever is thrown to have coax connected you are using it by defualt until you remove the coax.
Rich Johnson
kI6EZA

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Wed, 17 Feb 2016 14:48:26 -0800
Subject: RE: [harris-radio] Harris number for AT 1011 base

Hello Rich, et al.
Yes I already have the AT1011 and the coax based base adapter. I have a loaner 5382 from Harris and want to convert the AT1011 from coax to open wire and run it off the HV port on the 5382. I have a RF 1950 inverted Vee that I am going to run via a 1:1 balun to the 50 ohm port. I understand tht I can control switching from the 5800 H control head.
Skip

2817. Re: Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-02-18 01:48:49 UTC
From: steve@...
Topic: 2768 Message: 2817

Hi Pat,
You will want to measure the voltage at the amp while keydown in CW mode. As long as the amp is into a dummy load I don't think it will affect a DMM. For it to be a problem it would have to drop to less than 22 volts or so. The supplies are good for 30 amps each. At its worst frequency I believe the amplifier draws around 40.

Yes there are two 400 cycle fans. One to cool the filter board and the larger one for the heatsink. They are screamers. I mostly use mine for voice so have disconnected the fans temporarily.

Steve KD2OM

2818. RE: [harris-radio] Harris number for AT 1011 base

Yahoo group: harris-radio
Date: 2016-02-18 02:15:59 UTC
From: steve@...
Topic: 2810 Message: 2818

Skip,

Yes the RF-5800H can control which port is used on the RF-5382 ATU. I am a bit confused about what you are trying to do. The AT1011 whip is fed with the coupler right next to it via the high voltage connector.

The RF-1950 is also meant to be fed from the high voltage port. Using a 1:1 balun while feeding it from the coax port won't be very effective. The 50 ohm port is for feeding broadband antennas like the RF-1928 (B&W dipole) where it acts as a line flatener.

Steve KD2OM

2819. RE: [harris-radio] Harris number for AT 1011 base

Yahoo group: harris-radio
Date: 2016-02-18 04:04:06 UTC
From: prcradio@...
Topic: 2810 Message: 2819

The idea is to feed an AT-1011 from the HV port with the coupler in close proximity to the AT-1011 and to then feed an RF-1950 from the 50 ohm port via a very short length of coax (2ft?) to a 1:1 balun, then balanced line to the RF-1950.

The HV port and 50 ohm port are internally fed from the same source inside the coupler, so there is no difference in performance when feeding a 1:1 balun in this case.

Mike

2820. AN-URA-38A Antenna Coupler

Yahoo group: harris-radio
Date: 2016-02-18 18:54:45 UTC
From: Gary Barry
Topic: 2820 Message: 2820

Hi everybody.,I volunteer on the radio restoration team (Gray Radio Team) on the battleship Iowa moored at San Pedro (LA Harbor) CA. This forum has been very helpful in the past and I trust you are able to help again. After many tries to get the coupler to operate, we finally dismounted it and took it down from the 05 level to the repair bench on the main deck (not for the faint of heart). We initially wanted to check the alarm pressure and temperature sensors as the alarm sounds even tho the pressure was within spec. As we guessed, the thermal switch has failed in the closed position.
But the biggie is the condition of the variable inductor. An arc occurred between the coil and the acorn nut at the home position leaving the plastic (my term) comb that supports the coil carbonized in that area. Our resident mechanical engineer has the repair/replace assignment. Suggestions are welcome.

I am seeking a source for the temperature sensors and possibly the pressure sensor that will sell/donate one part rather than requiring procurement of a large lot. A commercial equivalent is acceptable.

Thank you for your help.Gary Barry

2821. Harris Unity XG-100P Make Offer

Yahoo group: harris-radio
Date: 2016-02-19 05:26:53 UTC
From: TwoWay Radios
Topic: 2821 Message: 2821

Harris Unity XP-100F 136-870 MHz
Antenna 136-870MHz (long)
2 Chargers
2 Li-Polymer Batteries
1 Belt Clip
1 Belt Clip Slot Filler

Programming Available per request.

Asking $3200.00 USD OR MAKE OFFER w/expedited shipping & PayPal Merchant Invoice ONLY.

Contact off list with offer. Please include your phone number if you would like a call.

2822. Re: Harris number for AT 1011 base

Yahoo group: harris-radio
Date: 2016-02-19 23:01:23 UTC
From: strandbiker1@...
Topic: 2810 Message: 2822

Mike et al:

Thanks for all the help. We have another option that I had not thought of that may resolve my problems. I can run the AT 1011 on the HV port and then instead of the RF 1950 and a 1:1 balun and 450 ohm ladder line, I can use the 90' B and W multi wire dipole and coax to the 50 ohm port on the 5382.

This would provide me with a dipole with a 3.5 MHz capability.

Skip

2823. Re: Harris number for AT 1011 base

Yahoo group: harris-radio
Date: 2016-02-20 01:12:39 UTC
From: prcradio@...
Topic: 2810 Message: 2823

Yes, that should work ok, but the 90ft B&W is really only good down to about 5MHz then it looses efficiency fast. You can lengthen it, or I have a 100w version about 160ft long that's good to maybe 2.5MHz that you can have free for the cause. You could also transfer the balun and load from your 90ft version and make it bullet proof.
Mike

2824. Re: Harris number for AT 1011 base

Yahoo group: harris-radio
Date: 2016-02-20 03:04:07 UTC
From: steve@...
Topic: 2810 Message: 2824

Skip,

Using the B&W on the 50 ohm port is what the port is designed for. The coupler has the tuning range to tune that antenna quite well. We have found that better performance is obtained by extending the antenna to 130 feet. As Mike says, the 90 foot B&W is a very poor performer below 5 MHz.

I assume you want the use the AT1011 to get long haul comms and the dipole for NVIS.

I am using an RF-382A instead of the RF-5382 and the antenna I am using for MARS and SHARES is a 450 ohm fed inverted vee cut for 4 MHz. It works well over the normal MARS comms distances and the coupler tunes it down to 2 MHz very easily.

Steve

2825. Re: Harris number for AT 1011 base

Yahoo group: harris-radio
Date: 2016-02-20 05:29:28 UTC
From: strandbiker1@...
Topic: 2810 Message: 2825

Hey there Mike! hello!!

Jack King did a VSWR chart for the existing 90 foot B and W multiwire dipole when it was initially erected and I will need to see what those numbers are. I also need to see in reality how often we are going to use the 2.5 MHz STACOM channels. Every time I have had an exercise, we have always stayed on 7.48 as the MUF rose too quickly to go lower. In fact, the last two times that I got there at 0600 PST and fired up the Harris base station, using only the RF 1950 inverted Vee, I had a Chinese broadcast station dead nuts on frequency until almost 0900 PST. They must have been running a lot of power as they were well over S9 on the KDU. If in reality if the actual use of the base station never goes below 5 MHz I would be in good shape with the 90 foot version and take the existing RG 213 cable and replace it with an appropriate sized run to the RF 5382. I would reposition the 5382 to being close to the AT 1011 (within 24 inches) to make the best use of the HV port.

Obviously further investigation is needed on my part. :)

Skip

2826. Re: Harris number for AT 1011 base

Yahoo group: harris-radio
Date: 2016-02-20 15:30:36 UTC
From: prcradio@...
Topic: 2810 Message: 2826

Skip,
The match on a 90ft B&W can be ok at 2.5MHz but the radiation efficiency is what drops off below about 5MHz.

I think you have a lot of options from ditching the Harris dipole and going with the 90ft B&W and AT-1011 combination, or make the Harris dipole a more appropriate length (longer) to favor your lower freqs and keep the B&W intact and use it with another radio.

I'm also curious what the AT-1011 is sitting on for a counterpoise. If its not adequate I would investigate the composition of the main roof and possibly move the AT-1011. In my experience your main roof probably has a bonded steel covering (galvanized steel sheets welded together) and that would make a fantastic ground plane for a vertical, same as my old work location.

Without damaging anything you could have someone carefully expose the sheet metal roof and spot weld a threaded stud for connection to the Harris coupler ground closer to the center of the roof, then seal it back up and move the AT-1011 and coupler nearby.

With the AT-1011 moved you then have the option to lengthen the B&W dipole, leaving the same connection point on the tower and moving the far end further east along the north side of the building to take up the additional length. I would also consider shortening the AT-1011 whip to 16-24ft to improve the radiation pattern on your higher freqs.

Maybe you can give me a call and discuss off line to save BW here unless others have more input on shortening an AT-1011 to favor the 10 to 30MHz range, etc.
Mike

2827. Re: Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-02-20 21:58:48 UTC
From: patwong3@...
Topic: 2768 Message: 2827

I had an opportunity to work on the Harris radio system with the RF-5034PA-400E 400W power amplifier inline this morning. Here are my findings:

1. The fans are *incredibly* noisy with the cover off.

2. Here are my 28VDC voltage measurements inside the amplifier case, at the threaded stud which is directly connected to the DC power input socket. Both 28V power supplies are turned on prior to these measurements being taken:

a) 28.59V, receiver/exciter turned off
b) 28.19V, receiver/exciter powered on, receive mode
c) 27.46V, CW mode, high power, transmitter key-down, 1.9 MHz, 335W RF power output per Harris internal wattmeter

My guess is that the system is drawing around 30A at this RF power output (820W input power). It also seems that the system is drawing ~10A in receive mode which seems on the high side...

If that guess is reasonable, then the total resistance in the 4 conductor, 12AWG power cable is around 0.04 ohms which seems pretty good for a ~4 foot run with the four power connectors in the loop.

3. Under the medium power setting, either 28VDC power supply can power the system and the same power output is produced.

4. I have access to a 50 ohm Bird 30 dB attenuator (200W power rating) and brought my Tek TDS-3032 oscilloscope (350 MHz rated bandwidth) for testing. The test setup is: 400W amplifier feeds the Harris auto antenna tuner which feeds the Bird input. The Tek scope input is connected to the Bird output. I am using an external 50 ohm terminator on the Tek vertical channel input because the RF voltage is too high to use the internal Tek 50 ohm vertical input (the max voltage range is only 1V per division with 50 ohm input.)

Then what I did was to measure RF RMS voltage using my scope, at 1.9 MHz and at the various power levels. The scope directly reports RMS voltage readings. I am assuming that the 30dB reduction results in an 31.6 voltage ratio.

Here are my findings:

High: 4.05V RMS at Tek scope, calculated 127.98V at Bird input. 328W results from this, using Ohm's Law and an assumption of a 50 ohm load, vs. Harris wattmeter reading of 335W. This error of only 2% seems to confirm the setup is acceptable.
Medium: 2.77V RMS at scope, calculated 87.53V at Bird input, resulting in 153W.
Low: 1.42V RMS at scope, calculated 44.87V at Bird input, resulting in 40W.

(The Harris internal wattmeter does not use the medium and low power settings when testing VSWR, thus I do not know what that wattmeter would indicate.)

1. Does anyone see anything wrong with my computations?
2. If these computations are correct, then how do the medium and low power readings compare to the experience of others?
3. It seems that all power settings, high/medium/low, may be depressed by ~20%. If other owners of the 400W amp can confirm this, then this finding implies an issue with the circuitry that regulates the power output...

Thanks & 73,

Patrick Wong AK6C

---In harris-radio@yahoogroups.com, <steve@...> wrote :

Hi Pat,
You will want to measure the voltage at the amp while keydown in CW mode. As long as the amp is into a dummy load I don't think it will affect a DMM. For it to be a problem it would have to drop to less than 22 volts or so. The supplies are good for 30 amps each. At its worst frequency I believe the amplifier draws around 40.

Yes there are two 400 cycle fans. One to cool the filter board and the larger one for the heatsink. They are screamers. I mostly use mine for voice so have disconnected the fans temporarily.

Steve KD2OM

2828. Re: Few questions on newly acquired RF-5022R/T(E)

Yahoo group: harris-radio
Date: 2016-02-21 16:45:02 UTC
From: steve@...
Topic: 2768 Message: 2828

Pat, It doesn't look like voltage drop is your issue.

I don't have another way to measure output but when using a Bird 500 watt dummy load I get the following using the VSWR test function of the RT.

1.9 MHz 453 watts
15 MHz 440 watts
29.9 MHz 440 watts

These numbers are normal for an operating system.

73
Steve KD2OM

2829. FS VERY RARE HARRIS RF-5030PA/CU-20

Yahoo group: harris-radio
Date: 2016-02-22 11:10:00 UTC
From: federico_baldi@alice.it
Topic: 2829 Message: 2829

Hi to All my friends, I have for sell a very rare power
amplifier 20 W and AATU HARRIS
RF-5030PA/CU-20 . The unit is in working conditions and was employed
by myself with FALCON RF-5020 before the purchase of the PA 400 W RF-5034PA. If somebody is interested
I shall mail photos. 73 de Federico IZ1FID

2830. AN/GRC-193

Yahoo group: harris-radio
Date: 2016-02-24 04:18:18 UTC
From: jjgray@...
Topic: 2830 Message: 2830

Since I got my new icom and a second one coming in, I'm not going to need my GRC-193.
Sure have got a lot of fine memories with that radio.
Anyway, what do you figure I should ask for it?
Compete AN/GRC-193,
Spare Complete amplifier.
2 NOS spare tubes,
Remote antenna base (Don't remember the nomenclature) but it's the one you can mount the tuner and antenna on. I also have both cables and the reel for the cables.
It's in the two level mount(Army), not the wide flat single layer mount(Marine/Navy).
Got a number of spare stuff (the screw on single wire for the antenna, spare rt-1209 adapter, ,,stuff like that)

Got no idea what it's worth so I figured I'd ask.
Thanks in advance,
John

BTW, it works on ALE but not on ALE Scan. Scan drives the tuner nuts.
But for a single ale frequency its locks up and talks with 500+ watts into a TD-90 folded dipole.

2831. Controlling a PRC-138 with a RF-5022 remote head.

Yahoo group: harris-radio
Date: 2016-02-24 23:48:11 UTC
From: kaiser_1968_m715@...
Topic: 2831 Message: 2831

Hello everyone,
I finally have my "portable" radio setup complete...well is anything ever complete. I want to add a remote option to the PRC-138 which is mounted in an RF-5833 amp. I have the RF-5022 control head and am getting ready to make the cable. I have the pinouts for both ends but its not crystal clear on what goes to what. Is there any documentation showing how this would be hooked up? Has anybody ever even done this? Thanks for the help.

Matt
KL2IC

2832. Re: [harris-radio] Controlling a PRC-138 with a RF-5022 remote head.

Yahoo group: harris-radio
Date: 2016-02-24 23:57:23 UTC
From: W2HX
Topic: 2831 Message: 2832

Others Will correct me, but i don't believe the control head to the 5022 can control the 138. If I understand what you are trying to accomplish.

From: "kaiser_1968_m715@yahoo.com [harris-radio]" <harris-radio@yahoogroups.com>
Sent: Feb 24, 2016 6:48 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Controlling a PRC-138 with a RF-5022 remote head.

Hello everyone,

I finally have my "portable" radio setup complete...well is anything ever complete. I want to add a remote option to the PRC-138 which is mounted in an RF-5833 amp. I have the RF-5022 control head and am getting ready to make the cable. I have the pinouts for both ends but its not crystal clear on what goes to what. Is there any documentation showing how this would be hooked up? Has anybody ever even done this? Thanks for the help.

Matt

KL2IC

2833. RE: [harris-radio] Controlling a PRC-138 with a RF-5022 remote head.

Yahoo group: harris-radio
Date: 2016-02-25 01:00:49 UTC
From: Richard Johnson
Topic: 2831 Message: 2833

Matt you are sure thinking out of the box. I dont think any of us ever thought of that. I have both those radios on my bench and never crossed my mind.
You would have to review the pin out and signal of the plug on the 5022 rt of the face plate you have, and compare that to the signal pin out of the remote port plug on the 138.
Fyi, the remote is usually used for pc access with falcom or hyperterminal.
Rich Johnson
Ki6eza

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Wed, 24 Feb 2016 15:48:11 -0800
Subject: [harris-radio] Controlling a PRC-138 with a RF-5022 remote head.

Hello everyone,
I finally have my "portable" radio setup complete...well is anything ever complete. I want to add a remote option to the PRC-138 which is mounted in an RF-5833 amp. I have the RF-5022 control head and am getting ready to make the cable. I have the pinouts for both ends but its not crystal clear on what goes to what. Is there any documentation showing how this would be hooked up? Has anybody ever even done this? Thanks for the help.

Matt
KL2IC

2834. RE: [harris-radio] Controlling a PRC-138 with a RF-5022 remote head.

Yahoo group: harris-radio
Date: 2016-02-25 03:54:46 UTC
From: prcradio@...
Topic: 2831 Message: 2834

The only remote I've seen for a 138 is a special handset for the remote control telephone interconnect where the handset could select ALE scan, change channels and initiate a remote control phone patch. The handset had a Y adapter than connected to both the audio and data connector on the 138

It would be very interesting if a 5022 control head was compatible with a PRC-138. Now who is going to be brave enough to try it?
Mike

2835. RE: [harris-radio] Controlling a PRC-138 with a RF-5022 remote head.

Yahoo group: harris-radio
Date: 2016-02-25 05:47:20 UTC
From: W2HX
Topic: 2831 Message: 2835

The PRC-138 uses very standard RS-232 and ASCII commands that are easy to create and send. I’ve done this many times using a terminal emulator program. My suggestion would be to connect the output of the 5022FP to a terminal program and see what commands are issued (if any) when simple functions are performed such as changing the frequency, etc. Power will need to be supplied to the FP as well.

If anyone is interested, here are some sections of interest for the 5020 manual for the FP.

http://w2hx.com/x/Harris/RF-5000/

Also read the A11 interface board document. Interesting, it seems to indicate that data from FP is RS232 and data to FP is TTL.

Good luck!

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Wednesday, February 24, 2016 10:55 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Controlling a PRC-138 with a RF-5022 remote head.

The only remote I've seen for a 138 is a special handset for the remote control telephone interconnect where the handset could select ALE scan, change channels and initiate a remote control phone patch. The handset had a Y adapter than connected to both the audio and data connector on the 138

It would be very interesting if a 5022 control head was compatible with a PRC-138. Now who is going to be brave enough to try it?
Mike

2836. Re: [harris-radio] Controlling a PRC-138 with a RF-5022 remote head.

Yahoo group: harris-radio
Date: 2016-02-25 13:44:04 UTC
From: steve@...
Topic: 2831 Message: 2836

Eugene is correct. The RF-5022 control head will not work with a PRC-138. You can remote control the 138 via ASCII commands using the remote port, there isn't another way.

Steve KD2OM

2837. Re: [harris-radio] Controlling a PRC-138 with a RF-5022 remote head.

Yahoo group: harris-radio
Date: 2016-02-25 23:01:23 UTC
From: kaiser_1968_m715@...
Topic: 2831 Message: 2837

I noticed Brooke Clarks site said it could control the radio. I will have to do more research when i get back. Thanks for the help.

Matt
KL2IC

2838. Re: [harris-radio] Controlling a PRC-138 with a RF-5022 remote head.

Yahoo group: harris-radio
Date: 2016-02-25 23:15:56 UTC
From: Brooke Clarke
Topic: 2831 Message: 2838

Hi Matt:

I did say that:
http://www.prc68.com/I/PRC138.html#Remote
but have not done it.

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
The lesser of evils is still evil.

-------- Original Message --------
>
>
> I noticed Brooke Clarks site said it could control the radio. I will have to do more research when i get back. Thanks
> for the help.
>
> Matt
> KL2IC
>
>
>

2839. Re: [harris-radio] Controlling a PRC-138 with a RF-5022 remote head.

Yahoo group: harris-radio
Date: 2016-02-25 23:51:47 UTC
From: kaiser_1968_m715@...
Topic: 2831 Message: 2839

No problem, your site is a great wealth of info. I made a quick jumper cable, but the remote says system busy on the remote head. I haven't made it any further in testing. I will go more in depth when I get back. Plenty of time to read up on it.

Matt
KL2IC

2840. Re: Good to find a bunch of Harris folk.

Yahoo group: harris-radio
Date: 2016-02-26 00:19:45 UTC
From: kaiser_1968_m715@...
Topic: 2652 Message: 2840

Good luck with the amp. I gave up looking for one and settled on the 5833 amp. I have a v2 radio so it works, but fails the bit test. On air it works fine. They are fun radios.

Matt
KL2IC

2841. RE: [harris-radio] AN/GRC-193

Yahoo group: harris-radio
Date: 2016-02-26 00:59:27 UTC
From: Richard Johnson
Topic: 2830 Message: 2841

Ok, how did you make it work on ale.
I guess you said you cant scan, but how does it operate otherwise?
I have two of these systems and didnt think they would respond to ale hails with that upadted ale mod 1209 1444A
Rich Johnson
KI6EZA.

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Tue, 23 Feb 2016 20:18:18 -0800
Subject: [harris-radio] AN/GRC-193

Since I got my new icom and a second one coming in, I'm not going to need my GRC-193.
Sure have got a lot of fine memories with that radio.
Anyway, what do you figure I should ask for it?
Compete AN/GRC-193,
Spare Complete amplifier.
2 NOS spare tubes,
Remote
antenna base (Don't remember the nomenclature) but it's the one you can
mount the tuner and antenna on. I also have both cables and the reel
for the cables.
It's in the two level mount(Army), not the wide flat single layer mount(Marine/Navy).
Got a number of spare stuff (the screw on single wire for the antenna, spare rt-1209 adapter, ,,stuff like that)

Got no idea what it's worth so I figured I'd ask.
Thanks in advance,
John

BTW, it works on ALE but not on ALE Scan. Scan drives the tuner nuts.
But for a single ale frequency its locks up and talks with 500+ watts into a TD-90 folded dipole.

2842. RE: [harris-radio] Controlling a PRC-138 with a RF-5022 remote head.

Yahoo group: harris-radio
Date: 2016-02-26 01:11:49 UTC
From: W2HX
Topic: 2831 Message: 2842

Just be careful. If you connect a +/-12V RS232 line to a 5/0V TTL line you might let the magic smoke out and believe me, it is hard to get that smoke back in once you’ve let it out.
Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, February 25, 2016 6:52 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Controlling a PRC-138 with a RF-5022 remote head.

No problem, your site is a great wealth of info. I made a quick jumper cable, but the remote says system busy on the remote head. I haven't made it any further in testing. I will go more in depth when I get back. Plenty of time to read up on it.

Matt
KL2IC

2843. Re: [harris-radio] Re: Good to find a bunch of Harris folk.

Yahoo group: harris-radio
Date: 2016-02-26 15:11:37 UTC
From: roger
Topic: 2652 Message: 2843

The V2 radio f/w and the 5833 f/w are conflicting. 5833 f/w calls for 5800 radios and the V2 radio call for the 5033 f/w/
Operation is still workable as you found.
Roger
K4alphapapa(harris-yahoo ID)
waldrgr@...
Rochester NY
3200 3201 3230 2000
138 5000 short range
From: mailto:harris-radio@yahoogroups.com
Sent: Thursday, February 25, 2016 7:19 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Good to find a bunch of Harris folk.

Good luck with the amp. I gave up looking for one and settled on the 5833 amp. I have a v2 radio so it works, but fails the bit test. On air it works fine. They are fun radios.

Matt
KL2IC

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

2844. RE: [harris-radio] Controlling a PRC-138 with a RF-5022 remote head.

Yahoo group: harris-radio
Date: 2016-02-26 19:31:39 UTC
From: kaiser_1968_m715@...
Topic: 2831 Message: 2844

Thanks for the heads up. I think I might try a rs-232 to TTL converter. I have no idea if the signals will work, but they are cheap and worth a try.

Matt
KL2IC

2845. RE: [harris-radio] Controlling a PRC-138 with a RF-5022 remote head.

Yahoo group: harris-radio
Date: 2016-02-26 19:56:45 UTC
From: W2HX
Topic: 2831 Message: 2845

Just another thought on this. The PRC-138 (and 5020/5022) takes very user-friendly ascii commands using a built-in command interpreter. I very much doubt they would have bothered to embed a command interpreter into the front panel functionality. So that means it is very unlikely that the FP would be issuing to the FP and receiving from the FP human-readable commands. More likely, the FP just uses an efficient set of codes to control the radio. Otherwise the complexity of the programming on the FP would be several orders of magnitude more complex for limited benefit.

So feel free to use TTL to RS232 converter, but don’t be disappointed if it doesn’t work out. I might also suggest you employ some kind of serial line monitor tool. You will need to figure out what kind of serial data is going in/out of the FP. The baud rate, the start/stop/parity, etc.

Good luck keep us posted
Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, February 26, 2016 2:32 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Controlling a PRC-138 with a RF-5022 remote head.

Thanks for the heads up. I think I might try a rs-232 to TTL converter. I have no idea if the signals will work, but they are cheap and worth a try.

Matt
KL2IC

2846. Re: [harris-radio] Controlling a PRC-138 with a RF-5022 remote head.

Yahoo group: harris-radio
Date: 2016-02-26 21:37:10 UTC
From: Brooke Clarke
Topic: 2831 Message: 2846

Hi Matt:

If you have a front panel and a radio it works with, then monitor the Tx and Rx data going between them. Both with a
scope to determine the levels and then with a terminal program to look at the actual data (this may require level
shifting and/or inverting).

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
The lesser of evils is still evil.

-------- Original Message --------
> Thanks for the heads up. I think I might try a rs-232 to TTL converter. I have no idea if the signals will work, but they are cheap and worth a try.
>
> Matt
> KL2IC
>
> ------------------------------------
> Posted by: kaiser_1968_m715@...
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.net
> ------------------------------------
>
> Yahoo Groups Links
>
>
>
>

2847. FS VERY RARE HARRIS RF-5030PA/CU-20

Yahoo group: harris-radio
Date: 2016-02-26 22:27:09 UTC
From: federico_baldi@alice.it
Topic: 2829 Message: 2847

Hi Friends, I would sell an HARRIS RF-5030PA/CU-20 that it is a power amplifier 20W plus automatica antenna tuner for FALCON RF-5020, PRC-138 and other similar Harris gears (I believe also for RF-5022). The item is in Italy and it is in working conditions, I purchased some years ago in the States and I paid around 1200 USD. Now this Item exceed my needs because I use my Falcon RF-5020 with its PA 400 W, I want to sell (not sale) because I have to many manpacks in my collection and no time to employ (you can find some photos of my gears in Green Radios article in QST and in milpack folders) so I decide to sell some of them. If somebody is interested to this amplifier/antenna coupler I’ll consider any reasonable offer, I don’t like the idea to sell on e-Pay. 73 de Federico IZ1FIDP.S. : feel free to ask photos and do any questions, I'll try to answer at my best

2848. RE: [harris-radio] FS VERY RARE HARRIS RF-5030PA/CU-20

Yahoo group: harris-radio
Date: 2016-02-26 22:34:07 UTC
From: W2HX
Topic: 2829 Message: 2848

Wow, that is quite a lot $/watt! I can’t imagine the cost benefit analysis for that amp!

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, February 26, 2016 5:27 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] FS VERY RARE HARRIS RF-5030PA/CU-20

Hi Friends,
I would sell an HARRIS RF-5030PA/CU-20 that it is a power amplifier 20W plus automatica antenna tuner for FALCON RF-5020, PRC-138 and other similar Harris gears (I believe also for RF-5022). The item is in Italy and it is in working conditions, I purchased some years ago in the States and I paid around 1200 USD. Now this Item exceed my needs because I use my Falcon RF-5020 with its PA 400 W, I want to sell (not sale) because I have to many manpacks in my collection and no time to employ (you can find some photos of my gears in Green Radios article in QST and in milpack folders) so I decide to sell some of them. If somebody is interested to this amplifier/antenna coupler I’ll consider any reasonable offer, I don’t like the idea to sell on e-Pay. 73 de Federico IZ1FID
P.S. : feel free to ask photos and do any questions, I'll try to answer at my best

2849. RE: [harris-radio] FS VERY RARE HARRIS RF-5030PA/CU-20

Yahoo group: harris-radio
Date: 2016-02-27 03:26:42 UTC
From: prcradio@...
Topic: 2829 Message: 2849

I've probably owned more RF-5000 radios and components than most folks and have seen a lot in my time and I'm only aware of three 20w amplifier/couplers in the wild including the one offered by Federico. Even a Harris employee once commented "we didn't sell very many of those".

That would make it one of the rarer RF-5000 accys and if you want one its going to be pricey.
Mike

2850. RE: [harris-radio] FS VERY RARE HARRIS RF-5030PA/CU-20

Yahoo group: harris-radio
Date: 2016-02-27 03:29:44 UTC
From: prcradio@...
Topic: 2829 Message: 2850

Now that I read Federico's post again and he purchased the amp in the US, it may be there is only two of these in collectors hands that I'm aware of and not three.

Mike

2851. R: RE: [harris-radio] FS VERY RARE HARRIS RF-5030PA/CU-20

Yahoo group: harris-radio
Date: 2016-02-27 12:35:39 UTC
From: federico_baldi@alice.it
Topic: 2851 Message: 2851

Hi my Friends I said what I paid for and I agree that the USD/Watt ratio is high but at the time I did not find an RF-5034PA-400, furthermore is an interesting and rare collector's item. I'll evaluate any reasonable offer. 73 de Federico IZ1FID

----Messaggio originale----

Da: harris-radio@yahoogroups.com

Data: 26-feb-2016 23.34

A: "harris-radio@yahoogroups.com"<harris-radio@yahoogroups.com>

Ogg: RE: [harris-radio] FS VERY RARE HARRIS RF-5030PA/CU-20

----Messaggio originale----

Da: harris-radio@yahoogroups.com

Data: 26-feb-2016 23.34

A: "harris-radio@yahoogroups.com"<harris-radio@yahoogroups.com>

Ogg: RE: [harris-radio] FS VERY RARE HARRIS RF-5030PA/CU-20

Wow, that is quite a lot $/watt! I can’t imagine the cost benefit analysis for that amp!
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, February 26, 2016 5:27 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] FS VERY RARE HARRIS RF-5030PA/CU-20 Hi Friends, I would sell an HARRIS RF-5030PA/CU-20 that it is a power amplifier 20W plus automatica antenna tuner for FALCON RF-5020, PRC-138 and other similar Harris gears (I believe also for RF-5022). The item is in Italy and it is in working conditions, I purchased some years ago in the States and I paid around 1200 USD. Now this Item exceed my needs because I use my Falcon RF-5020 with its PA 400 W, I want to sell (not sale) because I have to many manpacks in my collection and no time to employ (you can find some photos of my gears in Green Radios article in QST and in milpack folders) so I decide to sell some of them. If somebody is interested to this amplifier/antenna coupler I’ll consider any reasonable offer, I don’t like the idea to sell on e-Pay. 73 de Federico IZ1FIDP.S. : feel free to ask photos and do any questions, I'll try to answer at my best

-->

[Non-text portions of this message have been removed]

2852. R: RE: [harris-radio] FS VERY RARE HARRIS RF-5030PA/CU-20

Yahoo group: harris-radio
Date: 2016-02-27 13:14:51 UTC
From: federico_baldi@alice.it
Topic: 2851 Message: 2852

Hi Friends I have uploaded photos on Milpack. 73 de Federico IZ1FID

----Messaggio originale----

Da: harris-radio@yahoogroups.com

Data: 26-feb-2016 23.34

A: "harris-radio@yahoogroups.com"<harris-radio@yahoogroups.com>

Ogg: RE: [harris-radio] FS VERY RARE HARRIS RF-5030PA/CU-20

----Messaggio originale----

Da: harris-radio@yahoogroups.com

Data: 26-feb-2016 23.34

A: "harris-radio@yahoogroups.com"<harris-radio@yahoogroups.com>

Ogg: RE: [harris-radio] FS VERY RARE HARRIS RF-5030PA/CU-20

Wow, that is quite a lot $/watt! I can’t imagine the cost benefit analysis for that amp!
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, February 26, 2016 5:27 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] FS VERY RARE HARRIS RF-5030PA/CU-20 Hi Friends, I would sell an HARRIS RF-5030PA/CU-20 that it is a power amplifier 20W plus automatica antenna tuner for FALCON RF-5020, PRC-138 and other similar Harris gears (I believe also for RF-5022). The item is in Italy and it is in working conditions, I purchased some years ago in the States and I paid around 1200 USD. Now this Item exceed my needs because I use my Falcon RF-5020 with its PA 400 W, I want to sell (not sale) because I have to many manpacks in my collection and no time to employ (you can find some photos of my gears in Green Radios article in QST and in milpack folders) so I decide to sell some of them. If somebody is interested to this amplifier/antenna coupler I’ll consider any reasonable offer, I don’t like the idea to sell on e-Pay. 73 de Federico IZ1FIDP.S. : feel free to ask photos and do any questions, I'll try to answer at my best

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2853. Harris RF-550 Warbaly audio

Yahoo group: harris-radio
Date: 2016-03-01 17:08:04 UTC
From: catman581@...
Topic: 2853 Message: 2853

Hello to the group, my Harris RF-550 has just over a few days has developed warbilly sounding audio both on SSB . This happens in BFO or VFO mode, any suggestions? Thank you Rich

2854. GRC-193 and URC-113 for sale, working, used daily

Yahoo group: harris-radio
Date: 2016-03-02 03:01:38 UTC
From: jjgray@...
Topic: 2854 Message: 2854

Hi folks,
I'm selling my AN/GRC-193 400 watt HF radio unit complete for $3000

Also,
Selling my AN.URC-113 150 HF radio unit complete for $3000

Both are used daily and in good shape.
Contact me off list for pictures and better description.

The GRC-193 is one of the prettiest I've seen.

The URC-113 shows wear and tear on the amp but the rt-1209 is primo.
The front labels and stuff looks good..

Anyway, they're both good working sets.

They'll go to eBay in a week or sooner.

Oh, I'm in Colorado.

John
WDfourMQG

2855. Harris RF-550

Yahoo group: harris-radio
Date: 2016-03-03 01:11:46 UTC
From: catman581@...
Topic: 2855 Message: 2855

Hello to the group, my Harris RF-550 has just over a few days has developed warbilly sounding audio both on SSB . This happens in BFO or VFO mode, any suggestions? Doesn't happen all the time, but it is happening more often than not. Do I need to do a recap?,any suggestions would be appreciated. Thank you Rich

2856. Harris RF -550

Yahoo group: harris-radio
Date: 2016-03-03 01:12:23 UTC
From: catman581@...
Topic: 2856 Message: 2856

Hello to the group, my Harris RF-550 has just over a few days has developed warbilly sounding audio both on SSB . This happens in BFO or VFO mode, any suggestions? Doesn't happen all the time, but it is happening more often than not. Do I need to do a recap?,any suggestions would be appreciated. Thank you Rich

2857. My NOS RF 1310 on eBay this week (141921554238)

Yahoo group: harris-radio
Date: 2016-03-07 21:59:27 UTC
From: argus@...
Topic: 2857 Message: 2857

Spare unit - never used - not a scratch - looks new - even the original plastic cups on connectors still there - air filters free from dust indicating never used - self test OK . Only this week on eBay.

(141921554238)

2858. RE: [harris-radio] My NOS RF 1310 on eBay this week (141921554238)

Yahoo group: harris-radio
Date: 2016-03-07 23:15:40 UTC
From: W2HX
Topic: 2857 Message: 2858

“never used - not a scratch” I see several blemishes. One to the left of the “ENTER” key, one below the fan filter on the far right, and a few near the bottom of the right-hand handle. Can you elaborate?
Thanks
Eugene

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, March 07, 2016 4:59 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] My NOS RF 1310 on eBay this week (141921554238)

Spare unit - never used - not a scratch - looks new - even the original plastic cups on connectors still there - air filters free from dust indicating never used - self test OK .

Only this week on eBay.

(141921554238)

2859. Re: [harris-radio] My NOS RF 1310 on eBay this week (141921554238)

Yahoo group: harris-radio
Date: 2016-03-08 14:34:13 UTC
From: Hans Goldschmidt
Topic: 2857 Message: 2859

TNx message:

In the ad it says no scratches and there aint any scratches on front and back panels., Check photos. Eventually some normal scratches from storage on the sides. ?
As you see from the photo, it has never been attached to a rack with screws either and plastic cups on connectors still there .

The spots you mentioned, (from storage) have been wiped away with a handkerchief and aint there now. , Satisfied now?

From what I have heard now, a RF 1310 is difficult to find in our part of the world (even more so in NOS condition) and never seen it advertised on eBay so far.

I am not a Harris collector and my exciter is sold as is and the condition as seen on the photos and in the electronic condition shown by the red /green signals and PASSED message. Signals described in a manual that I do not have.

I prefer somebody to collect at my QTH and buyer can inspect that everything is at his satisfaction.

I am an old timer - ham since 1947 and on SSB since 1958 - maybe we had a qQSO in the past as I have been very active over the years.

73s de Hans SM5KI / OH0KI
> 7 mars 2016 kl. 22:59 skrev argus@... [harris-radio] <harris-radio@yahoogroups.com>:
>
>
> Spare unit - never used - not a scratch - looks new - even the original plastic cups on connectors still there - air filters free from dust indicating never used - self test OK .
>
> Only this week on eBay.
>
>
>
> (141921554238)
>
>
>
>
>

2860. rf 280

Yahoo group: harris-radio
Date: 2016-03-09 04:37:28 UTC
From: rodholgado@...
Topic: 2860 Message: 2860

Hello
I'm looking for a schematic for the 2A8 23 volt regulator board. I have the schematic for 919-2660 but I need one for the 919-2650 board which uses an IC regulator.
Any help will be greatly appreciated.
Thanks ROD
bigkixx@verizon.net

2861. RF 280

Yahoo group: harris-radio
Date: 2016-03-09 04:58:24 UTC
From: rodholgado@...
Topic: 2861 Message: 2861

Hello
I'm looking for a schematic for the 2A8 23 volt regulator ..I have one for the 919-2660 board ,but my radio uses
the 919-2650 board with an ic regulator.
Any help will be greatly appreciated.
Thanks ROD
KU2X

2862. Wanted: Harris RF350K Low Pass filter board A1A5

Yahoo group: harris-radio
Date: 2016-03-13 16:48:56 UTC
From: hb9ibz@...
Topic: 2862 Message: 2862

Hello All,

The filter board of my RF350K failed yesterday, some components burned (L27) etc.

I am therefore on the market for a A1A5 low pass filter board if anyone has a spare to sell.

I am not fussy, I will take a board with bad relays, or even missing relays. Will even consider a non working board which may help in fixing mine.

Please contact me off line at the following mail address: jc "dot daehler "at" gmail dot com.

Thanks, 73
JC
VE7oi

2863. WTB Harris RF-124 PS

Yahoo group: harris-radio
Date: 2016-03-13 23:15:43 UTC
From: W5DTW
Topic: 2862 Message: 2863

I am still looking for a single phase power supply for my spare RF-110A amp, may entertain offers on a 3 phase unit also.
Thanks
W5DTW

2864. Re: [harris-radio] WTB Harris RF-124 PS

Yahoo group: harris-radio
Date: 2016-03-14 05:05:49 UTC
From: Berndt Josef Wulf
Topic: 2862 Message: 2864

G'day,

You may want to contact Columbia Electronics, who sells the Litton made
RF110A and offeres 3phase and single phase power supplies for these
units.

73, Berndt
VK5ABN

On Sun, 2016-03-13 at 18:15 -0500, W5DTW w5dtw2@...
[harris-radio] wrote:
> I am still looking for a single phase power supply for my spare RF-110A
> amp, may entertain offers on a 3 phase unit also.
> Thanks
> W5DTW
>
>
> ------------------------------------
> Posted by: W5DTW <W5DTW2@...>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC
from outside your home or business?
>
> www.2mypc.net
> ------------------------------------
>
> Yahoo Groups Links
>
>
>

2865. Recommend power supply

Yahoo group: harris-radio
Date: 2016-03-15 04:35:15 UTC
From: jjgray@...
Topic: 2865 Message: 2865

Please share your recommendations for a 26.5VDC power supply for my GRC-193.

Thanks in advance,
John

2866. PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-03-15 16:57:49 UTC
From: mmellinger100@...
Topic: 2866 Message: 2866

Hello All,

I recently put a PRC 138 v.2 in my 2008 Ford Expidition. I have a RF-5833 PA 004 150 watt amp and also a RF-382 antenna coupler connected to the 138. The amp, I know, is not fully compatible with the 138 and I do get the module 30 fault when I do the self test. However, it does seem to tune the antenna ok and put out close to 150 watts when I select high power. The amp has the RF-5245 digital pre post selector installed. The radio is connected to the amp via the required Harris cable from the PA connector on the front of the radio. The amp is connected to the coupler also with the manufacturer's cable (this cable was extremely hard to find). The RF connection is run from the BNC connector on the front of the radio to the back of the amp. from the amp it goes through a low pass filter then on to the coupler. I connected the center lead on the coax to the long wire connection on the coupler and connected the shielding to the ground connection. I did not use the 50 ohm connection. Then on to the antenna. My antenna is a 10 foot whip mounted on a piece of metal that is attached to the vehicle hitch. the bottom of the whip is above the roof of the vehicle. A ground wire is run from the antenna to the frame and body of the vehicle. also the length of the coax from the coupler to the antenna is rather long about 20 ft. I just have it coiled up in the back of the vehicle. I can shorten that if necessary.

My questions to the group are: Did I set this up correctly? How should I set up the radio, i.e. what options should I select on the various menus?

The radio does tune the antenna, however, one time it will tune no problem next time it might give me a tune fault. But then if I tune again after the fault it will tune fine. I just wonder if I have a setting wrong in the radio.

Also, I am unclear on what the pre/post selector does and whether or not I should have it enabled in the radio.

Thank you
Mark
KE5QEO

2867. RE: [harris-radio] PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-03-15 17:13:46 UTC
From: Richard Johnson
Topic: 2866 Message: 2867

The tune faults are likely poor grounding. You must use good ground straps to your body from the 5833 and from the coupler to the tray it sits in and from the coupler to the body. This is very important when running a whip.
Regards
Rich Johnson
KI6EZA

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Tue, 15 Mar 2016 09:57:49 -0700
Subject: [harris-radio] PRC 138 RF-5833 PA 004 mobile setup

Hello All,

I recently put a PRC 138 v.2 in my 2008 Ford Expidition. I have a RF-5833 PA 004 150 watt amp and also a RF-382 antenna coupler connected to the 138. The amp, I know, is not fully compatible with the 138 and I do get the module 30 fault when I do the self test. However, it does seem to tune the antenna ok and put out close to 150 watts when I select high power. The amp has the RF-5245 digital pre post selector installed. The radio is connected to the amp via the required Harris cable from the PA connector on the front of the radio. The amp is connected to the coupler also with the manufacturer's cable (this cable was extremely hard to find). The RF connection is run from the BNC connector on the front of the radio to the back of the amp. from the amp it goes through a low pass filter then on to the coupler. I connected the center lead on the coax to the long wire connection on the coupler and connected the shielding to the ground connection. I did not use the 50 ohm connection. Then on to the antenna. My antenna is a 10 foot whip mounted on a piece of metal that is attached to the vehicle hitch. the bottom of the whip is above the roof of the vehicle. A ground wire is run from the antenna to the frame and body of the vehicle. also the length of the coax from the coupler to the antenna is rather long about 20 ft. I just have it coiled up in the back of the vehicle. I can shorten that if necessary.

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The radio does tune the antenna, however, one time it will tune no problem next time it might give me a tune fault. But then if I tune again after the fault it will tune fine. I just wonder if I have a setting wrong in the radio.

Also, I am unclear on what the pre/post selector does and whether or not I should have it enabled in the radio.

Thank you
Mark
KE5QEO

2868. Re: [harris-radio] PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-03-15 18:01:18 UTC
From: Claus Hanke
Topic: 2866 Message: 2868

Hi Mark,
You mentioned that you connected the RF from the front of the Radio to the back of the Amp. I have one myself, but the RF input to the Amp is in the front, but since you have power output I guess it is just a typo. I disconnected the pre/post selector in my Amp since it seems to use a lot of power and heating up the whole thing. I also connect the coupler directly to the Amp, without the filter. It is not useful getting close to 30MHz. Still self test won't pass with a PRC-138, as you experience, still I haven't seen any issue using it.
Claus
KI6KYK

> On Mar 15, 2016, at 9:57 AM, mmellinger100@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Hello All,
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>
> I recently put a PRC 138 v.2 in my 2008 Ford Expidition. I have a RF-5833 PA 004 150 watt amp and also a RF-382 antenna coupler connected to the 138. The amp, I know, is not fully compatible with the 138 and I do get the module 30 fault when I do the self test. However, it does seem to tune the antenna ok and put out close to 150 watts when I select high power. The amp has the RF-5245 digital pre post selector installed. The radio is connected to the amp via the required Harris cable from the PA connector on the front of the radio. The amp is connected to the coupler also with the manufacturer's cable (this cable was extremely hard to find). The RF connection is run from the BNC connector on the front of the radio to the back of the amp. from the amp it goes through a low pass filter then on to the coupler. I connected the center lead on the coax to the long wire connection on the coupler and connected the shielding to the ground connection. I did not use the 50 ohm connection. Then on to the antenna. My antenna is a 10 foot whip mounted on a piece of metal that is attached to the vehicle hitch. the bottom of the whip is above the roof of the vehicle. A ground wire is run from the antenna to the frame and body of the vehicle. also the length of the coax from the coupler to the antenna is rather long about 20 ft. I just have it coiled up in the back of the vehicle. I can shorten that if necessary.
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> Also, I am unclear on what the pre/post selector does and whether or not I should have it enabled in the radio.
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>
> Thank you
>
> Mark
>
> KE5QEO
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>

2869. Re: [harris-radio] PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-03-15 18:08:16 UTC
From: Mark Mellinger
Topic: 2866 Message: 2869

Yes you are correct the RF cable from the radio to the amp is to the connector on the front of the amp, just a typo.

How did you disconnect the pre post selector?

I have tried it without the filter too. Your right it becomes in effective higher up

Mark

Sent from my iPhone

> On Mar 15, 2016, at 1:01 PM, Claus Hanke claushanke@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Hi Mark,
> You mentioned that you connected the RF from the front of the Radio to the back of the Amp. I have one myself, but the RF input to the Amp is in the front, but since you have power output I guess it is just a typo. I disconnected the pre/post selector in my Amp since it seems to use a lot of power and heating up the whole thing. I also connect the coupler directly to the Amp, without the filter. It is not useful getting close to 30MHz. Still self test won't pass with a PRC-138, as you experience, still I haven't seen any issue using it.
> Claus
> KI6KYK
>
>> On Mar 15, 2016, at 9:57 AM, mmellinger100@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>>
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>>
>> Hello All,
>>
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>>
>> I recently put a PRC 138 v.2 in my 2008 Ford Expidition. I have a RF-5833 PA 004 150 watt amp and also a RF-382 antenna coupler connected to the 138. The amp, I know, is not fully compatible with the 138 and I do get the module 30 fault when I do the self test. However, it does seem to tune the antenna ok and put out close to 150 watts when I select high power. The amp has the RF-5245 digital pre post selector installed. The radio is connected to the amp via the required Harris cable from the PA connector on the front of the radio. The amp is connected to the coupler also with the manufacturer's cable (this cable was extremely hard to find). The RF connection is run from the BNC connector on the front of the radio to the back of the amp. from the amp it goes through a low pass filter then on to the coupler. I connected the center lead on the coax to the long wire connection on the coupler and connected the shielding to the ground connection. I did not use the 50 ohm connection. Then on to the antenna. My antenna is a 10 foot whip mounted on a piece of

metal that is attached to the vehicle hitch. the bottom of the whip is above the roof of the vehicle. A ground wire is run from the antenna to the frame and body of the vehicle. also the length of the coax from the coupler to the antenna is rather long about 20 ft. I just have it coiled up in the back of the vehicle. I can shorten that if necessary.
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>> My questions to the group are: Did I set this up correctly? How should I set up the radio, i.e. what options should I select on the various menus?
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>> The radio does tune the antenna, however, one time it will tune no problem next time it might give me a tune fault. But then if I tune again after the fault it will tune fine. I just wonder if I have a setting wrong in the radio.
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>> Also, I am unclear on what the pre/post selector does and whether or not I should have it enabled in the radio.
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>>
>> Thank you
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>> Mark
>>
>> KE5QEO
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2870. Re: [harris-radio] PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-03-15 18:13:16 UTC
From: Mark Mellinger
Topic: 2866 Message: 2870

Neither the amp or the coupler are grounded to the body. That sounds like the problem. I'll put in some ground straps right away.

Thanks for the help.

Sent from my iPhone

> On Mar 15, 2016, at 12:13 PM, Richard Johnson killroy321@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> The tune faults are likely poor grounding. You must use good ground straps to your body from the 5833 and from the coupler to the tray it sits in and from the coupler to the body. This is very important when running a whip.
> Regards
> Rich Johnson
> KI6EZA
>
> To: harris-radio@...m
> From: harris-radio@yahoogroups.com
> Date: Tue, 15 Mar 2016 09:57:49 -0700
> Subject: [harris-radio] PRC 138 RF-5833 PA 004 mobile setup
>
>
>
> Hello All,
>
>
> I recently put a PRC 138 v.2 in my 2008 Ford Expidition. I have a RF-5833 PA 004 150 watt amp and also a RF-382 antenna coupler connected to the 138. The amp, I know, is not fully compatible with the 138 and I do get the module 30 fault when I do the self test. However, it does seem to tune the antenna ok and put out close to 150 watts when I select high power. The amp has the RF-5245 digital pre post selector installed. The radio is connected to the amp via the required Harris cable from the PA connector on the front of the radio. The amp is connected to the coupler also with the manufacturer's cable (this cable was extremely hard to find). The RF connection is run from the BNC connector on the front of the radio to the back of the amp. from the amp it goes through a low pass filter then on to the coupler. I connected the center lead on the coax to the long wire connection on the coupler and connected the shielding to the ground connection. I did not use the 50 ohm connection. Then on to the antenna. My antenna is a 10 foot whip mounted on a piece of metal that is attached to the vehicle hitch. the bottom of the whip is above the roof of the vehicle. A ground wire is run from the antenna to the frame and body of the vehicle. also the length of the coax from the coupler to the antenna is rather long about 20 ft. I just have it coiled up in the back of the vehicle. I can shorten that if necessary.
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> My questions to the group are: Did I set this up correctly? How should I set up the

radio, i.e. what options should I select on the various menus?
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> The radio does tune the antenna, however, one time it will tune no problem next time it might give me a tune fault. But then if I tune again after the fault it will tune fine. I just wonder if I have a setting wrong in the radio.
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>
> Also, I am unclear on what the pre/post selector does and whether or not I should have it enabled in the radio.
>
>
> Thank you
> Mark
> KE5QEO
>
>

2871. Re: [harris-radio] PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-03-15 18:26:50 UTC
From: Brooke Clarke
Topic: 2866 Message: 2871

Hi Mark:

You said you did not use the 50 Ohm output but instead connected the center of the coax to the long wire terminal. This
is a mistake. Also hat you used 20 feet of coax is a bigger mistake.
The long wire terminal it typically a high voltage terminal intended to be connected directly to the base of a whip.
You can take a 2 or 3 foot long fat coax and remove the jacket and braid to get a wire with high voltage insulation but
do not use coax.
The fix would be to position the amp so that the high voltage terminal is close to the base of the antenna so that no
more than a few feet of high voltage wire is used to connect between the amp and antenna.

--
Have Fun,

Brooke Clarke, N6GCE
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
The lesser of evils is still evil.

-------- Original Message --------
>
>
> Hello All,
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>
> I recently put a PRC 138 v.2 in my 2008 Ford Expidition. I have a RF-5833 PA 004 150 watt amp and also a RF-382
> antenna coupler connected to the 138. The amp, I know, is not fully compatible with the 138 and I do get the module
> 30 fault when I do the self test. However, it does seem to tune the antenna ok and put out close to 150 watts when I
> select high power. The amp has the RF-5245 digital pre post selector installed. The radio is connected to the amp
> via the required Harris cable from the PA connector on the front of the radio. The amp is connected to the coupler
> also with the manufacturer's cable (this cable was extremely hard to find). The RF connection is run from the BNC
> connector on the front of the radio to the back of the amp. from the amp it goes through a low pass filter then on to
> the coupler. I connected the center l! ead on the coax to the long wire connection on the coupler and connected the
> shielding to the ground connection. I did not use the 50 ohm connection. Then on to the antenna. My antenna is a 10

> foot whip mounted on a piece of metal that is attached to the vehicle hitch. the bottom of the whip is above the roof
> of the vehicle. A ground wire is run from the antenna to the frame and body of the vehicle. also the length of the
> coax from the coupler to the antenna is rather long about 20 ft. I just have it coiled up in the back of the
> vehicle. I can shorten that if necessary.
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> I select on the various menus?
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> The radio does tune the antenna, however, one time it will tune no problem next time it might give me a tune fault.
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> Also, I am unclear on what the pre/post selector does and whether or not I should have it enabled in the radio.
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>
> Thank you
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> Mark
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> KE5QEO
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2872. Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-03-15 18:39:52 UTC
From: prcradio@...
Topic: 2866 Message: 2872

It sounds like you are using coaxial cable from the output of the tuner to a 10ft whip. That will not work very well, if at all. A non resonant whip is intended to connect to the HV output of the coupler with wire and that wire becomes part of the radiating whip.

You can connect coax center conductor to the HV output stud and the coax braid to the closest ground on the coupler when feeding a resonant or fairly well matched antenna and this is similar to using the coupler output N connector on those couplers with an N connector. In this case the coupler is more of a "line flattener" to spiffy up the match on an already matched antenna.

A 10ft whip fed from a coupler right at the base of the antenna is great on 10m and ok down to maybe 20m, then it becomes a very inefficient radiator and on 40m its pretty grim. When you put coax between the coupler and a 10ft whip you might have 20dB of loss in that chunk of coax on 40m feeding the whip.

Bottom line is mount the coupler so you only need a foot or two of wire connecting the HV output to the base of the whip. If you must keep the coax on the output of the coupler then you must use a resonant antenna like a hamstick for each band, etc.

As someone else mentioned you also need to make sure the coupler is well grounded to the vehicle "counterpoise", meaning some large amount of sheet metal for the antenna to work against. An otherwise floating coupler with several feet of thin wire to something grounded is not the same as a good RF ground to a major part of the vehicle that the antenna will work against.

Another thing to watch for is when running that foot or two of wire from the coupler HV output to the base of a whip and you are penetrating the vehicle body, the wire inside the vehicle is part of the antenna and will be radiating inside the vehicle where is doesn't do any good. Make sure the coupler is right next to the hole where the antenna wire goes through and make sure the hole is a good inch or more in diameter where the hot antenna wire passes through.

Just my 2c.
Mike

2873. Re: [harris-radio] PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-03-15 18:44:42 UTC
From: Claus Hanke
Topic: 2866 Message: 2873

Hi Mark,I did it a long time ago, but basically if you open up the bottom of the Amp, the pre/post selector is mounted to this plate. I left it mounted on the plate, just disconnected everything and bridged the RF (I think I used an adapter and connected both cable directly, RF input to the selector and output). All cables should be marked, still take some pictures. I don't have a maintenance manual and since the self test is not running, I can't tell if the change would introduce a self test error or not, but as far as I can tell it still doing it's job. Anyhow it is easy to change again and I also have the Amp without selector and I don't see any difference.Claus

From: "Mark Mellinger mmellinger100@... [harris-radio]" <harris-radio@yahoogroups.com>
To: harris-radio@yahoogroups.com
Sent: Tuesday, March 15, 2016 11:08 AM
Subject: Re: [harris-radio] PRC 138 RF-5833 PA 004 mobile setup

Yes you are correct the RF cable from the radio to the amp is to the connector on the front of the amp, just a typo.
How did you disconnect the pre post selector?
I have tried it without the filter too. Your right it becomes in effective higher up
Mark

Sent from my iPhone
On Mar 15, 2016, at 1:01 PM, Claus Hanke claushanke@... [harris-radio] <harris-radio@yahoogroups.com> wrote:

Hi Mark,You mentioned that you connected the RF from the front of the Radio to the back of the Amp. I have one myself, but the RF input to the Amp is in the front, but since you have power output I guess it is just a typo. I disconnected the pre/post selector in my Amp since it seems to use a lot of power and heating up the whole thing. I also connect the coupler directly to the Amp, without the filter. It is not useful getting close to 30MHz. Still self test won't pass with a PRC-138, as you experience, still I haven't seen any issue using it. ClausKI6KYK

2874. RE: [harris-radio] PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-03-15 19:15:32 UTC
From: Richard Johnson
Topic: 2866 Message: 2874

That is a big deal. My grc193 disnt want to work in the cucv m1008a1 whn I first installed it thinking the ground from the units to the rack bolted the the trucks rack was enough. It acted whacky. I reviewd the install manual for the truck and it showed individual straps to the mount ground point then to the vehicle rack and then to the vehicle power J box. Made all the difference.
I did lots of grounding when I installed my urc113 (grc-206) in my wrangler and there the proem is the jeep is just not a big enough counterpoise for the whip below 7meg. I have to add an external wire counterpoise below that point.
Good luck to you.
Rich Johnson
KI6EZA

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Tue, 15 Mar 2016 13:13:16 -0500
Subject: Re: [harris-radio] PRC 138 RF-5833 PA 004 mobile setup

Neither the amp or the coupler are grounded to the body. That sounds like the problem. I'll put in some ground straps right away.
Thanks for the help.

Sent from my iPhone
On Mar 15, 2016, at 12:13 PM, Richard Johnson killroy321@... [harris-radio] <harris-radio@yahoogroups.com> wrote:

The tune faults are likely poor grounding. You must use good ground straps to your body from the 5833 and from the coupler to the tray it sits in and from the coupler to the body. This is very important when running a whip.
Regards
Rich Johnson
KI6EZA

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Tue, 15 Mar 2016 09:57:49 -0700
Subject: [harris-radio] PRC 138 RF-5833 PA 004 mobile setup

Hello All,

I recently put a PRC 138 v.2 in my 2008 Ford Expidition. I have a RF-5833 PA 004 150 watt amp and also a RF-382 antenna coupler connected to the 138. The amp, I know, is not fully compatible with the 138 and I do get the module 30 fault when I do the self test. However, it does seem to tune the antenna ok and put out close to 150 watts when I select high power. The amp has the RF-5245 digital pre post selector installed. The radio is connected to the amp via the required Harris cable from the PA connector on the front of the radio. The amp is connected to the coupler also with the manufacturer's cable (this cable was extremely hard to find). The RF connection is run from the BNC connector on the front of

the radio to the back of the amp. from the amp it goes through a low pass filter then on to the coupler. I connected the center lead on the coax to the long wire connection on the coupler and connected the shielding to the ground connection. I did not use the 50 ohm connection. Then on to the antenna. My antenna is a 10 foot whip mounted on a piece of metal that is attached to the vehicle hitch. the bottom of the whip is above the roof of the vehicle. A ground wire is run from the antenna to the frame and body of the vehicle. also the length of the coax from the coupler to the antenna is rather long about 20 ft. I just have it coiled up in the back of the vehicle. I can shorten that if necessary.

My questions to the group are: Did I set this up correctly? How should I set up the radio, i.e. what options should I select on the various menus?

The radio does tune the antenna, however, one time it will tune no problem next time it might give me a tune fault. But then if I tune again after the fault it will tune fine. I just wonder if I have a setting wrong in the radio.

Also, I am unclear on what the pre/post selector does and whether or not I should have it enabled in the radio.

Thank you
Mark
KE5QEO

2875. Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-03-15 23:15:59 UTC
From: steve@...
Topic: 2866 Message: 2875

Mark,

You need to have the coupler attached to the whip antenna by a very short piece of wire. A piece of RG-8 with the shield removed provides enough insulation except at very low frequencies with short antennas. The 50 ohm port is only for tuned antennas. The coupler needs to be grounded, use the piece of shield braid from the bolt on the coupler to the base of the antenna.
If you must use coax use the shortest possible and be aware that it will affect performance. By using a long piece and coiling up the excess you really up with an inductor with capacitance which just won't do very well.

For my information how are you getting the 28 volts to run the system?
73
Steve KD2OM

2876. RE: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-03-15 23:52:37 UTC
From: Mark Mellinger
Topic: 2866 Message: 2876

Hi Steve,

Thanks for the info, I think I am going to get a short piece of wire and run it from the coupler to the bottom of the whip. The whip is basically a CB mount with a 259 connector on the bottom. I was thinking about connecting the wire from the coupler with a 259 connector a good soldered connection and then just screwing it on the base of the antenna.

As far as the grounding for the coupler, right next to the High Voltage connection is a ground lug. I should just run this to the base of the antenna and to the frame and body of the vehicle, right? I will also run a ground strap from the amp to the frame and body.

I picked up a Harris DC to DC converter (12v to 24V) from Scott at American Milspec. It puts out about 30+ amps and really works great. I also have an additional 12v car battery in the back of the vehicle which the converter is connected to. This battery is connected in parallel to the main vehicle battery. I have a solenoid isolation switch on the positive wire, so if I want the alternator to charge the rear battery or just give me some more current I just engage the solenoid.

Mark

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, March 15, 2016 6:16 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Mark,

You need to have the coupler attached to the whip antenna by a very short piece of wire. A piece of RG-8 with the shield removed provides enough insulation except at very low frequencies with short antennas. The 50 ohm port is only for tuned antennas. The coupler needs to be grounded, use the piece of shield braid from the bolt on the coupler to the base of the antenna.
If you must use coax use the shortest possible and be aware that it will affect performance. By using a long piece and coiling up the excess you really up with an inductor with capacitance which just won't do very well.

For my information how are you getting the 28 volts to run the system?
73
Steve KD2OM

2877. Re: Recommend power supply

Yahoo group: harris-radio
Date: 2016-03-16 03:22:09 UTC
From: andersendl@...
Topic: 2865 Message: 2877

PP-8474, ruggedized power supply. It is a beast. I bought one to power my GRC-193 after I unsuccessfully tried to power it using my bench top power supply. I got the power supply from a surplus reseller. I built the 120vac in and DC out cables with connectors/cable sourced from ebay. There are two different models, same nomenclature but different NSN and model numbers. One is 18-30vdc the other is 24-30vdc. Both put out out 60amps. One thing I found interesting when I got it is that it only uses cooling fins for temperature control. There is no fan or forced air. I guess I just would have expected a fan on a dupply that powerful. I've had it for a few years now and have used it sporadically with zero issues. At the time, I think I paid about 150 for it. I did haggle him down on price because it was untested and had no cables. I spent maybe 60 bucks building the two cables.

andersendl

2878. Re: Recommend power supply

Yahoo group: harris-radio
Date: 2016-03-16 03:35:54 UTC
From: prcradio@...
Topic: 2865 Message: 2878

Here is a great supply for powering high power military HF equipment, they are rated at 1600w and the 24V version puts out around 66A and the 28V version does about 57A.They are marketed specifically for military radio systems and are smaller than a shoe box.

http://www.ebay.com/itm/automated-business-power-abp-ac-28-1600w-m-pfc-High-Power-AC-to-DC-Converter-/261903486027?hash=item3cfaaa0c4b:g:gA0AAOSwBLlVZRE1 http://www.ebay.com/itm/automated-business-power-abp-ac-28-1600w-m-pfc-High-Power-AC-to-DC-Converter-/261903486027?hash=item3cfaaa0c4b:g:gA0AAOSwBLlVZRE1

I have a 24V and 28V version and might consider selling one in the $200 range.
Mike

2879. RT-5022R/T(E) problem

Yahoo group: harris-radio
Date: 2016-03-16 21:11:51 UTC
From: Joseph Pinner
Topic: 2879 Message: 2879

My RT-5022R/T(E) has developed a warble in receive audio (and I suspect in transmit as well.

You can here the warble in voices but particularly in a received tone (plainly seen on the FLdigi
waterfall where the display of a single is noticeably wide and variable).

Any advise as to where I should begin troubleshooting will be gratefully appreciated!

--
Joseph Pinner
Kingston, TN

KC5IJD / AFA4JP
Roane County OES 408

2880. Re: RT-5022R/T(E) problem

Yahoo group: harris-radio
Date: 2016-03-16 23:31:54 UTC
From: prcradio@...
Topic: 2879 Message: 2880

What is the frequency deviation you are seeing? A few Hz, hundreds of Hz. KHz? If you have a very stable 10MHz source you can sample the radio's oven osc and another stable source and view the stability between them with a Lissajous pattern on an oscilloscope. Maybe a regulator has gone bad that feeds the osc or the osc is bad?
Mike

2881. Re: [harris-radio] RT-5022R/T(E) problem

Yahoo group: harris-radio
Date: 2016-03-17 14:13:22 UTC
From: roger
Topic: 2879 Message: 2881

Another way to check the R/T frequency is to use a counter , capable of reading 30 mhz down to the cycle.
Connect the R/T output (100mw) to a dummy load . Connect the counter to pick up the signal .
Set the R/T at 30.00000 mhz with AME mode .
PTT the R/t in transmit mode and counter should read the TX freq.
If not exactly 30.000000 mhz +/- 1 hz , adjust the A7 TCXO .
Roger

From: mailto:harris-radio@yahoogroups.com
Sent: Wednesday, March 16, 2016 5:11 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RT-5022R/T(E) problem

My RT-5022R/T(E) has developed a warble in receive audio (and I suspect in transmit as well.

You can here the warble in voices but particularly in a received tone (plainly seen on the FLdigi
waterfall where the display of a single is noticeably wide and variable).

Any advise as to where I should begin troubleshooting will be gratefully appreciated!

--
Joseph Pinner
Kingston, TN

KC5IJD / AFA4JP
Roane County OES 408

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

2882. RE: [harris-radio] RT-5022R/T(E) problem

Yahoo group: harris-radio
Date: 2016-03-17 15:51:27 UTC
From: Dr Fred Hambrecht
Topic: 2879 Message: 2882

Another way is to tune the receiver to 1 KHz below a known frequency in USB i.e. 9,999,000 to copy WWV. This puts the carrier at 1 KHz, feed the signal to FLDIGI and select ANALYSIS mode. You should see the signal at 1 KHz. More important, analysis mode creates a spreadsheet XLS file that you can use to create a graph of exactly what the signal is doing.

Once you cure the “warble” you can use the FLDIGI program to adjust the oscillator to exactly 1 KHz on the screen and you’re good to go.

By the way this is the method I use to measure an unknown signal and in ARRL frequency measurement tests I have been less than 1 HZ error on all frequencies for years. (Add the observed frequency audio tone to the USB frequency you are tuned to.)

v/r

Fred W4JLE

From: harris-radio@...m [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, March 17, 2016 10:13
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RT-5022R/T(E) problem

Another way to check the R/T frequency is to use a counter , capable of reading 30 mhz down to the cycle.
Connect the R/T output (100mw) to a dummy load . Connect the counter to pick up the signal .

Set the R/T at 30.00000 mhz with AME mode .

PTT the R/t in transmit mode and counter should read the TX freq.

If not exactly 30.000000 mhz +/- 1 hz , adjust the A7 TCXO .

Roger

From: mailto:harris-radio@yahoogroups.com

Sent: Wednesday, March 16, 2016 5:11 PM

To: harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>

Subject: [harris-radio] RT-5022R/T(E) problem

My RT-5022R/T(E) has developed a warble in receive audio (and I suspect
in transmit as well.

You can here the warble in voices but particularly in a received tone
(plainly seen on the FLdigi
waterfall where the display of a single is noticeably wide and variable).

Any advise as to where I should begin troubleshooting will be gratefully appreciated!

--
Joseph Pinner
Kingston, TN

KC5IJD / AFA4JP
Roane County OES 408

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=oa-2115-f>

0 viruses found. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=oa-2115-f> www.avast.com

2883. RE: [harris-radio] RT-5022R/T(E) problem

Yahoo group: harris-radio
Date: 2016-03-17 16:45:46 UTC
From: prcradio@...
Topic: 2879 Message: 2883

Does FLDIGI use the computer internal clock or something else for a frequency reference?
Mike

2884. Re: [harris-radio] RT-5022R/T(E) problem

Yahoo group: harris-radio
Date: 2016-03-17 17:48:30 UTC
From: Joseph Pinner
Topic: 2879 Message: 2884

Here is information from additional testing:

Tuned in to WWV 15 MHz

In LSB and USB modes

Warble is roughly plus/minus 100 Hz on either side of 500 and 600 Hz tones.

In AME

There is no warble. Tones are clean. My supposition is that frequency is stable.

My first instinct is that there may be a problem in the product detector. Is that reasonable.

I have not yet opened the RF-5022R/T(E) and begun any measurements.

--
Joseph Pinner
Kingston, TN

KC5IJD / AFA4JP
Roane County OES 408

2885. RE: [harris-radio] RT-5022R/T(E) problem

Yahoo group: harris-radio
Date: 2016-03-17 19:28:04 UTC
From: Dr Fred Hambrecht
Topic: 2879 Message: 2885

While it uses the internal clock, if you have calibrated your sound card it is capable of making very accurate measurments as you are dealing with audio frequency differences between the assigned frequency and audio difference. It is not measuring RF.

v/r

Fred W4JLE

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, March 17, 2016 12:46
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] RT-5022R/T(E) problem

Does FLDIGI use the computer internal clock or something else for a frequency reference?
Mike

2886. RE: [harris-radio] RT-5022R/T(E) problem

Yahoo group: harris-radio
Date: 2016-03-17 19:34:30 UTC
From: Dr Fred Hambrecht
Topic: 2879 Message: 2886

Just a guess but I would first check to see if the signal is being modulated by AC on the DC due to a bad filter cap or open bridge diode. What is the value of the DC? Do you have an oscilloscope or access to one?

v/r

Fred W4

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, March 17, 2016 13:49
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RT-5022R/T(E) problem

Here is information from additional testing:

Tuned in to WWV 15 MHz

In LSB and USB modes

Warble is roughly plus/minus 100 Hz on either side of 500 and 600 Hz tones.

In AME

There is no warble. Tones are clean. My supposition is that frequency is stable.

My first instinct is that there may be a problem in the product detector. Is that reasonable.

I have not yet opened the RF-5022R/T(E) and begun any measurements.

--
Joseph Pinner
Kingston, TN

KC5IJD / AFA4JP
Roane County OES 408

2887. Harris 500 watt amp

Yahoo group: harris-radio
Date: 2016-03-19 13:22:41 UTC
From: w5gyx@...
Topic: 2887 Message: 2887

I have been trying to get the harris 500 amp companion to the 1446 as a stand alone for use of my kenwood. when it switches over to operate the receiver goes almost dead. changing the band switch while it is changing the receiver is ok but when it stops it does the same thing.
Thanks
Hub W5GYX

2888. Re: [harris-radio] Harris 500 watt amp

Yahoo group: harris-radio
Date: 2016-03-19 16:31:38 UTC
From: Terry Hines
Topic: 2887 Message: 2888

You need a better description of setup and what your doing and seeing.

Sent from my iPhone

> On Mar 19, 2016, at 9:22 AM, w5gyx@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> I have been trying to get the harris 500 amp companion to the 1446 as a stand alone for use of my kenwood. when it switches over to operate the receiver goes almost dead. changing the band switch while it is changing the receiver is ok but when it stops it does the same thing.
>
> Thanks
>
> Hub W5GYX
>
>

2889. Harris Power Supplies/chargers for sale

Yahoo group: harris-radio
Date: 2016-03-19 19:34:00 UTC
From: fletchv3@...
Topic: 2889 Message: 2889

I have a couple of pieces of Harris gear for sale.

P/N 10488-1244-01 115/220 VAC to 12/28 VDC power supply
P/N 10488-1242-01 Charger/Discharger for BB-590 NiCad or BB-390 LiMH batteries

$65 each plus shipping. Contact me off group at fletchv3@frontiernet.net

2890. HARRIS RF280

Yahoo group: harris-radio
Date: 2016-03-19 19:53:10 UTC
From: rodholgado@...
Topic: 2890 Message: 2890

Looking for a schematic for the 2a8 23 volt regulator. There are a couple of variations. I need the one for part number 919-2650. Any help will be greatly appreciated.
Thanks ROD

2891. Re: Harris 500 watt amp

Yahoo group: harris-radio
Date: 2016-03-20 13:34:10 UTC
From: Hubert Peery
Topic: 2887 Message: 2891

I am using the diagram for minimum remote control system from F1FRV@...
<mailto:F1FRV@...> from the internet.

I have found that it keys up when it goes to operate and the HV is on so that blanks out the radio and I have checked my wiring and all is as the article states.

Thanks

Hub

2892. RF-382A coupler parts needed

Yahoo group: harris-radio
Date: 2016-03-20 19:14:36 UTC
From: Paul Katz
Topic: 2892 Message: 2892

Looking for the level arm assembly that goes over the Type-N input connector:
Lever Arm p/n 10208-1054
Spring p/n Z20-0001-103
Bushing p/n 10208-5206
Seal p/n H05-0201-138

Any help in finding the above will be greatly appreciated.

73,
Paul, W5NTQ

2893. Re: [harris-radio] Re: Harris 500 watt amp

Yahoo group: harris-radio
Date: 2016-03-21 14:28:38 UTC
From: Terry
Topic: 2887 Message: 2893

What position is the "local key" switch in? Have you tested the Amp Manually to make sure it is functioning normal?

On Sunday, March 20, 2016 9:34 AM, "'Hubert Peery' w5gyx@... [harris-radio]" <harris-radio@yahoogroups.com> wrote:

  I am using the diagram for minimum remote control system from F1FRV@... from the internet.I have found that it keys up when it goes to operate and the HV is on so that blanks out the radio and I have checked my wiring and all is as the article states.Thanks Hub

2894. Re: Harris 500 watt amp

Yahoo group: harris-radio
Date: 2016-03-25 23:25:02 UTC
From: Hubert Peery
Topic: 2887 Message: 2894

I have modified the Harris 500watt amp according to F1FRV diagram for minimum remote control and when the standby light stops blinking, how do you get it to go to operate. If I turn the band switch to a band it starts the motor and when it stops it is putting enough to partially mute the receiver.

Sure could use some help.

Thanks Hub W5GYX

2895. Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-03-28 14:02:57 UTC
From: mmellinger100@...
Topic: 2866 Message: 2895

Hello again everyone,

I have run in to another problem with my 138/150 amp/ coupler setup. Just to recap. I installed the prc-138 in my 2008 Ford Expidition. I ran coax from the BNC connector on the front of the radio to a RF-5833 PA 04 150 watt amp. Also ran the control cable from the 138 to the amp. I then ran coax from the amp to a RF-382 antenna coupler and also the control cable. The coupler is at the very back of the vehicle. I ran a short piece of unshielded 10 gauge wire from the HV connector through the glass lift gate and to the base of a 16 ft. whip. A 10 gauge ground wire is run from the coupler ground lug to the body and frame and also a similar wire is run from the amp to the body/frame.

After constructing a longer antenna (16ft) the radio will tune just about anything down to 80 meters or even below that sometimes.

My problem now is on the receive side. I would tune in to 14.3 MHz and listen for the Maritime mobile net on a daily basis and not hear anything. I did this for many days and different times of day. I noticed that if I went inside to my base Kenwood TS-480 on a dipole, that the net would come in very clear. Then when I went back out to the mobile nothing just static.

I then got PRC-104 and unhooked the coax from the front of the 138 and connected to the 104 and put in 14.3. Still nothing. I put a totally different antenna on the 104, this antenna did not go through the amp or coupler. and I started receiving voice! I hooked this separate antenna up to the front connector on the 138, again totally independent of the amp and coupler and the receiver worked great. I feel that there is something wrong with the amp or coupler.

Does anyone have any ideas?

Thank you

Mark

2896. Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-03-28 16:20:56 UTC
From: prcradio@...
Topic: 2866 Message: 2896

If the coupler finishes a tuning cycle and the radio/amp reports its tuned then I would trust the coupler is working. Have you run a tuning cycle then bypassed the amp and run the coax right from the tuner to the radio? Can you plug the vehicle whip wire into the PRC-138 whip port and bypass the amp and coupler?
Mike

2897. RE: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-03-28 17:05:00 UTC
From: Mark Mellinger
Topic: 2866 Message: 2897

Hi Mike,

Ok, I bypassed the amp and ran coax from the 138 to the coupler after I ran a tuning cycle. Still no receive.

I then ran coax from the 138 to the 16 ft. whip antenna. It did start to receive voice on 14.3.

Mark

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, March 28, 2016 11:21 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

If the coupler finishes a tuning cycle and the radio/amp reports its tuned then I would trust the coupler is working. Have you run a tuning cycle then bypassed the amp and run the coax right from the tuner to the radio? Can you plug the vehicle whip wire into the PRC-138 whip port and bypass the amp and coupler?
Mike

2898. RE: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-03-28 21:45:29 UTC
From: W2HX
Topic: 2866 Message: 2898

The only thing I can think of is that there may be a setting for the 382 to tell it whether it should be in bypass mode in receive, or whether the operator wants some measure of preselection by keeping the 382 active in the receive path during receive. I honestly cannot remember if this is true or not. If I am right and such a feature exists, it could be that the coupler is not in bypass mode AND it may not have the right frequency set up such that net is being filtered out by the coupler.

I would suggest you try to key up/tune on the frequency in question and then listen. Once the coupler tunes up to the best match, the receiver may also hear a lot better. Just 2c

Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, March 28, 2016 10:03 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Hello again everyone,

I have run in to another problem with my 138/150 amp/ coupler setup. Just to recap. I installed the prc-138 in my 2008 Ford Expidition. I ran coax from the BNC connector on the front of the radio to a RF-5833 PA 04 150 watt amp. Also ran the control cable from the 138 to the amp. I then ran coax from the amp to a RF-382 antenna coupler and also the control cable. The coupler is at the very back of the vehicle. I ran a short piece of unshielded 10 gauge wire from the HV connector through the glass lift gate and to the base of a 16 ft. whip. A 10 gauge ground wire is run from the coupler ground lug to the body and frame and also a similar wire is run from the amp to the body/frame.

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Does anyone have any ideas?

Thank you

Mark

2899. Re: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-03-29 01:24:34 UTC
From: Mark Mellinger
Topic: 2866 Message: 2899

Ok I have discovered that if I unscrew the coax connector from the amp side of the coupler and then just let the center lead of the coax make contact withe female connector on the coupler it receives perfectly. But When I screw the connected down tight then any traffic on the freq gets cut off. What would cause this?

Sent from my iPhone

> On Mar 28, 2016, at 11:20 AM, prcradio@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> If the coupler finishes a tuning cycle and the radio/amp reports its tuned then I would trust the coupler is working. Have you run a tuning cycle then bypassed the amp and run the coax right from the tuner to the radio? Can you plug the vehicle whip wire into the PRC-138 whip port and bypass the amp and coupler?
> Mike
>
>

2900. Re: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-03-29 01:29:56 UTC
From: Peter Gottlieb
Topic: 2866 Message: 2900

You're just making an antenna of it when the shield is disconnected.

The 382 has some internal settings IIRC. Are they set correctly for the 138?

What does the 138 indicate for SWR when transmitting after the coupler tunes?

Peter

On 3/28/2016 9:24 PM, Mark Mellinger mmellinger100@... [harris-radio] wrote:
> Ok I have discovered that if I unscrew the coax connector from the amp side of
> the coupler and then just let the center lead of the coax make contact withe
> female connector on the coupler it receives perfectly. But When I screw the
> connected down tight then any traffic on the freq gets cut off. What would
> cause this?
>
> Sent from my iPhone
>
> On Mar 28, 2016, at 11:20 AM, prcradio@... <mailto:prcradio@...>
> [harris-radio] <harris-radio@yahoogroups.com
> <mailto:harris-radio@yahoogroups.com>> wrote:
>
>> If the coupler finishes a tuning cycle and the radio/amp reports its tuned
>> then I would trust the coupler is working. Have you run a tuning cycle then
>> bypassed the amp and run the coax right from the tuner to the radio? Can you
>> plug the vehicle whip wire into the PRC-138 whip port and bypass the amp and
>> coupler?
>> Mike
>>
>

2901. Re: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-03-29 01:37:25 UTC
From: Mark Mellinger
Topic: 2866 Message: 2901

According to the RF-5200 manual the dip switches are set for an Rf5200

The SWR reads 1.3 : 1.0. on 14.3 MHz

Sent from my iPhone

> On Mar 28, 2016, at 8:29 PM, Peter Gottlieb hpnpilot@... [harris-radio]
<harris-radio@yahoogroups.com> wrote:
>
> You're just making an antenna of it when the shield is disconnected.
>
> The 382 has some internal settings IIRC. Are they set correctly for the 138?
>
> What does the 138 indicate for SWR when transmitting after the coupler tunes?
>
> Peter
>
> On 3/28/2016 9:24 PM, Mark Mellinger mmellinger100@... [harris-radio] wrote:
> > Ok I have discovered that if I unscrew the coax connector from the amp side of
> > the coupler and then just let the center lead of the coax make contact withe
> > female connector on the coupler it receives perfectly. But When I screw the
> > connected down tight then any traffic on the freq gets cut off. What would
> > cause this?
> >
> > Sent from my iPhone
> >
> > On Mar 28, 2016, at 11:20 AM, prcradio@... <mailto:prcradio@...>
> > [harris-radio] <harris-radio@yahoogroups.com
> > <mailto:harris-radio@yahoogroups.com>> wrote:
> >
> >> If the coupler finishes a tuning cycle and the radio/amp reports its tuned
> >> then I would trust the coupler is working. Have you run a tuning cycle then
> >> bypassed the amp and run the coax right from the tuner to the radio? Can you
> >> plug the vehicle whip wire into the PRC-138 whip port and bypass the amp and
> >> coupler?
> >> Mike
> >>
> >
>
>

2902. Re: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-03-29 01:55:04 UTC
From: Peter Gottlieb
Topic: 2866 Message: 2902

Do you have a signal generator? It would be interesting to get a feel for the attenuation through the coupler.

Is your transmitted signal getting out? A wattmeter and dummy load on the tuner output, comparing to the radio itself, can tell you the attenuation in the forward direction.

On 3/28/2016 9:37 PM, Mark Mellinger mmellinger100@... [harris-radio] wrote:
> According to the RF-5200 manual the dip switches are set for an Rf5200
>
> The SWR reads 1.3 : 1.0. on 14.3 MHz
>
> Sent from my iPhone
>
> On Mar 28, 2016, at 8:29 PM, Peter Gottlieb hpnpilot@...
> <mailto:hpnpilot@...> [harris-radio] <harris-radio@yahoogroups.com
> <mailto:harris-radio@yahoogroups.com>> wrote:
>
>> You're just making an antenna of it when the shield is disconnected.
>>
>> The 382 has some internal settings IIRC. Are they set correctly for the 138?
>>
>> What does the 138 indicate for SWR when transmitting after the coupler tunes?
>>
>> Peter
>>
>> On 3/28/2016 9:24 PM, Mark Mellinger mmellinger100@...
>> <mailto:mmellinger100@...> [harris-radio] wrote:
>> > Ok I have discovered that if I unscrew the coax connector from the amp side of
>> > the coupler and then just let the center lead of the coax make contact withe
>> > female connector on the coupler it receives perfectly. But When I screw the
>> > connected down tight then any traffic on the freq gets cut off. What would
>> > cause this?
>> >
>> > Sent from my iPhone
>> >
>> > On Mar 28, 2016, at 11:20 AM, prcradio@...
>> <mailto:prcradio@...> <mailto:prcradio@...>
>> > [harris-radio] <harris-radio@yahoogroups.com
>> <mailto:harris-radio@yahoogroups.com>
>> > <mailto:harris-radio@yahoogroups.com>> wrote:
>> >
>> >> If the coupler finishes a tuning cycle and the radio/amp reports its tuned
>> >> then I would trust the coupler is working. Have you run a tuning cycle then
>> >> bypassed the amp and run the coax right from the tuner to the radio? Can you

>> >> plug the vehicle whip wire into the PRC-138 whip port and bypass the amp and
>> >> coupler?
>> >> Mike
>> >>
>> >
>>
>

2903. I: FS VERY RARE HARRIS RF-5030PA/CU-20

Yahoo group: harris-radio
Date: 2016-03-31 06:27:51 UTC
From: federico_baldi@alice.it
Topic: 2903 Message: 2903

Hi Friends, I would sell an HARRIS RF-5030PA/CU-20 that it is a power amplifier 20W plus automatic antenna tuner for FALCON RF-5020, PRC-138 and other similar Harris gears (I believe also for RF-5022). The item is in Italy and it is in working conditions, I purchased some years ago in the States and I paid around 1200 USD. Now this Item exceed my needs because I use my Falcon RF-5020 with its PA 400 W, I want to sell (not sale) because I have to many manpacks in my collection and no time to employ (you can find some photos of my gears in Green Radios article in QST and in milpack folders) so I decide to sell some of them. If somebody is interested to this amplifier/antenna coupler I’ll consider any reasonable offer, I don’t like the idea to sell on e-Pay. 73 de Federico IZ1FIDP.S. : feel free to ask photos and do any questions, I'll try to answer at my best

2904. RE: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-04-02 14:21:47 UTC
From: steve@...
Topic: 2866 Message: 2904

Mark,

Have you tried connecting the coupler end of the coax to the antenna like you did with the coax to the PRC-138?

I see an issue with using the 10 ga wire through the glass window, but not for receive unless it arced to metal then transmitting and is now shorted.

As Peter suggested try a signal generator to the coupler output after tuning. Check other frequencies, WWV is always a good bet. Do you receive on them? Even tuned to a wrong frequency you should be able to receive something through the coupler. System receive sensitivity using the 138/5833/382 should be about -113 dBm for 10db SINAD. With the preselector it might be a bit worse. Check all bands, every MHz, it should be about the same except near 30 MHz.

Steve KD2OM

2905. Re: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-04-02 16:02:38 UTC
From: Mark Mellinger
Topic: 2866 Message: 2905

Since my last update on this problem. I have learned that there is no RF power coming out of the coupler on the antenna side from either the HV connection or the 50 ohm connection. If I bypass the coupler and go from the amp to the antenna there is about 100 watts at the antenna, also I am able to receive again. Of course this is totally in-tuned.

It seems now that there is something wrong with the coupler. When I retune I can hear the relays clicking on the coupler and then it gives a tune complete indication. Just no power to the antenna from the coupler.

Any ideas?

Sent from my iPhone

> On Apr 2, 2016, at 9:21 AM, steve@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Mark,
>
> Have you tried connecting the coupler end of the coax to the antenna like you did with the coax to the PRC-138?
>
> I see an issue with using the 10 ga wire through the glass window, but not for receive unless it arced to metal then transmitting and is now shorted.
>
> As Peter suggested try a signal generator to the coupler output after tuning. Check other frequencies, WWV is always a good bet. Do you receive on them? Even tuned to a wrong frequency you should be able to receive something through the coupler. System receive sensitivity using the 138/5833/382 should be about -113 dBm for 10db SINAD. With the preselector it might be a bit worse. Check all bands, every MHz, it should be about the same except near 30 MHz.
>
> Steve KD2OM
>
>

2906. Re: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-04-02 16:11:40 UTC
From: prcradio@...
Topic: 2866 Message: 2906

There is an internal test for the coupler using a switch or switches and watching the outcome on a bunch of LEDs. I don't remember the specifics but the test can point you towards a failed relay or other component in the coupler. The test procedure is in some versions of the RF-382 manual or maybe someone here can let you know how to run the test.

Mike

2907. Re: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-04-02 19:10:59 UTC
From: steve@...
Topic: 2866 Message: 2907

If you open the coupler, power it up. There is a test switch. When you press it, the coupler will sequence through the relays. Watch for led's that don't light up. There is information on the sequence in the files section on this group. It was uploaded by f1frv. It sounds like a bad relay, perhaps it can be cleaned once you find which one it is.You might be able to find it by tapping on the relays while listening to a strong station to see if the receive is affected.

Steve KD2OM

2908. Re: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-04-02 19:44:49 UTC
From: Mark Mellinger
Topic: 2866 Message: 2908

Ok I have figured out the problem. And I am a bit embarrassed by what I found. Lol.

I had a n-connector to a UHF connector adaptor screwed on the 50 ohm connector on the coupler. At the time I didn't think much of it but I noticed that there is a cover that rotates over the connector when not in use. When I had the adaptor connected it forced this cover to rotate out of the way. Little did I know that by rotating this cover something happens inside the coupler making it think that an antenna was attached to the 50 ohm connector.

I took off the adapter and turned the cover back in place. The coupler now works great. I'm getting over 100 watts to a 16 ft whip.

I'm just glad there was nothing wrong with the coupler.

Thank you all for you help.

Mark
KE5QEO

Sent from my iPhone

> On Apr 2, 2016, at 11:11 AM, prcradio@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> There is an internal test for the coupler using a switch or switches and watching the outcome on a bunch of LEDs. I don't remember the specifics but the test can point you towards a failed relay or other component in the coupler. The test procedure is in some versions of the RF-382 manual or maybe someone here can let you know how to run the test.
>
>
> Mike
>

2909. Re: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-04-02 21:22:12 UTC
From: prcradio@...
Topic: 2866 Message: 2909

Don't feel too bad about it, I've done something similar and you have the best possible outcome. Most anything else that could happen with that coupler would be much more painful and expensive. Mike

2910. Re: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-04-02 21:26:19 UTC
From: Peter Gottlieb
Topic: 2866 Message: 2910

Yeah, good ending to this problem.

Peter

> On Apr 2, 2016, at 5:22 PM, prcradio@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Don't feel too bad about it, I've done something similar and you have the best possible outcome. Most anything else that could happen with that coupler would be much more painful and expensive.
>
> Mike
>

2911. _FALCON.EXE Windows 7.

Yahoo group: harris-radio
Date: 2016-04-06 04:04:51 UTC
From: mbchagasl@...
Topic: 2911 Message: 2911

Hello good night,someone has the updated program and is compatible with Windows 7 FALCOM.EXE Harris FALCOM control software the group has available but is an old version can not be installed on modern computers,someone would have the programming and configuration software FALCON for RF-5000 RF-5022 for Windows 7.
bruno_chagas_leite@hotmail.com

Thanks good night.

Best regards,

Bruno Schagas,73.

2912. [harris-radio] Portable P25

Yahoo group: harris-radio
Date: 2016-04-06 21:54:02 UTC
From: TwoWay Radios
Topic: 2911 Message: 2912

Promotional pricing expires Friday at 7PM PST.
Limited stock. Offers Accepted!

1 each.
Thales Liberty Multiband

Features;
P25 Conventional
Analog Wide Band
Analog Narrow Band
P25 Trunking
P25 Encryption AES-256, DES-OFB
P25 OTAR
MDC1200

Radio
Battery
Charger
Belt Clip
Antenna 136-870MHz
Adapter

Asking $2,000 Shipped

---

1 each.
Thales Liberty Multiband

Features;
P25 Conventional
Analog Wide Band
Analog Narrow Band
P25 Trunking
P25 Encryption AES-256, DES-OFB
P25 OTAR
MDC1200

Radio
Battery
Charger
Belt Clip
Antenna 136-870MHz
Adapter

Asking $2,000 Shipped.

Additional Items Available Separately;
Carry Case
AA Clamshell
Speaker Mic

Notes;
Can add or remove item as necessary.
Discount available if purchasing 2 radios.
California residents, sales tax applies on new equipment.
NO International Shipping.

Payments;
All major credit cards and debit cards accepted.
PayPal Merchant Invoice.
Money Orders.
Personal Checks (Must clear bank prior to shipping items).
Cash (Locals only).
Ships with Tracking.
NO wire transfers accepted!

Authorized Dealer/Reseller/Sales Representative for;
Earphone Connection - Audio Accessories
OTTO Excellence - Audio Accessories
ARC - Audio Accessories
Impact/Treat 4 - Audio Accessories
Pryme - Audio Accessories
Impact Power Technologies - Batteries
Laird Tech - Antennas
Tram-Browning - Antennas
Kenwood
Icom
Vertex Standard
Harris
& Much more!

Markets Served;
Amateur Radio
Professional Radio
Commercial Radio

Great prices and 24/7 customer service (via email).

Sincerely,
Josh
>

2913. Re: [harris-radio] Portable P25

Yahoo group: harris-radio
Date: 2016-04-06 22:34:17 UTC
From: Glenn (Butch) Kanvick
Topic: 2911 Message: 2913

Do you have any pictures?
What about programming them?
How many channels can it scan?

Thanks

On Wed, Apr 6, 2016 at 3:54 PM, TwoWay Radios two_wayradios@...
[harris-radio] <harris-radio@yahoogroups.com> wrote:

>
>
>
> *Promotional pricing expires Friday at 7PM PST.*
> Limited stock. Offers Accepted!
>
> 1 each.
> Thales Liberty Multiband
>
> *Features;*
> P25 Conventional
> Analog Wide Band
> Analog Narrow Band
> P25 Trunking
> P25 Encryption AES-256, DES-OFB
> P25 OTAR
> MDC1200
>
> Radio
> Battery
> Charger
> Belt Clip
> Antenna 136-870MHz
> Adapter
>
> Asking $2,000 Shipped
>
> ----------
>
> 1 each.
> Thales Liberty Multiband
>
> *Features;*
> P25 Conventional
> Analog Wide Band
> Analog Narrow Band
> P25 Trunking

> P25 Encryption AES-256, DES-OFB
> P25 OTAR
> MDC1200
>
> Radio
> Battery
> Charger
> Belt Clip
> Antenna 136-870MHz
> Adapter
>
> Asking $2,000 Shipped.
>
> *Additional Items Available Separately;*
> Carry Case
> AA Clamshell
> Speaker Mic
>
> _____
>
> *Notes;*
> Can add or remove item as necessary.
> Discount available if purchasing 2 radios.
> California residents, sales tax applies *on new equipment*.
> NO International Shipping.
>
> *Payments;*
> All major credit cards and debit cards accepted.
> PayPal Merchant Invoice.
> Money Orders.
> Personal Checks (*Must clear bank prior to shipping items*).
> Cash (*Locals only*).
> Ships with Tracking.
> *NO wire transfers accepted*!
>
>
> *Authorized Dealer/Reseller/Sales Representative for;*
>
> Earphone Connection - *Audio Accessories*
>
> OTTO Excellence - *Audio Accessories*
>
> ARC - *Audio Accessories*
>
> Impact/Treat 4 - *Audio Accessories*
>
> Pryme - *Audio Accessories*
>
> Impact Power Technologies - *Batteries*
>

> Laird Tech - *Antennas*
>
> Tram-Browning - *Antennas*
>
> Kenwood
>
> Icom
>
> Vertex Standard
>
> Harris
>
> & Much more!
>
>
> *Markets Served;*
>
> Amateur Radio
>
> Professional Radio
>
> Commercial Radio
>
> *Great prices and 24/7 customer service (via email).*
>
>
>
> Sincerely,
> Josh
>
>
>

--
Glenn (Butch) Kanvick
KE7FEL/R

2914. Re: [harris-radio] Portable P25

Yahoo group: harris-radio
Date: 2016-04-06 22:41:58 UTC
From: TwoWay Radios
Topic: 2911 Message: 2914

Pictures available to potential buyers.

Can program or give a copy.

If interested make me an offer and I will send pictures.

> On Apr 6, 2016, at 15:34, 'Glenn (Butch) Kanvick' hotlrv1@... [harris-radio]
<harris-radio@yahoogroups.com> wrote:
>
> Do you have any pictures?
> What about programming them?
> How many channels can it scan?
>
> Thanks
>
>> On Wed, Apr 6, 2016 at 3:54 PM, TwoWay Radios two_wayradios@... [harris-radio]
<harris-radio@yahoogroups.com> wrote:
>>
>>
>> Promotional pricing expires Friday at 7PM PST.
>> Limited stock. Offers Accepted!
>>
>> 1 each.
>> Thales Liberty Multiband
>>
>> Features;
>> P25 Conventional
>> Analog Wide Band
>> Analog Narrow Band
>> P25 Trunking
>> P25 Encryption AES-256, DES-OFB
>> P25 OTAR
>> MDC1200
>>
>> Radio
>> Battery
>> Charger
>> Belt Clip
>> Antenna 136-870MHz
>> Adapter
>>
>> Asking $2,000 Shipped
>>
>> ___________
>>
>> 1 each.

>> Thales Liberty Multiband
>>
>> Features;
>> P25 Conventional
>> Analog Wide Band
>> Analog Narrow Band
>> P25 Trunking
>> P25 Encryption AES-256, DES-OFB
>> P25 OTAR
>> MDC1200
>>
>> Radio
>> Battery
>> Charger
>> Belt Clip
>> Antenna 136-870MHz
>> Adapter
>>
>> Asking $2,000 Shipped.
>>
>> Additional Items Available Separately;
>> Carry Case
>> AA Clamshell
>> Speaker Mic
>>
>> _____
>>
>> Notes;
>> Can add or remove item as necessary.
>> Discount available if purchasing 2 radios.
>> California residents, sales tax applies on new equipment.
>> NO International Shipping.
>>
>> Payments;
>> All major credit cards and debit cards accepted.
>> PayPal Merchant Invoice.
>> Money Orders.
>> Personal Checks (Must clear bank prior to shipping items).
>> Cash (Locals only).
>> Ships with Tracking.
>> NO wire transfers accepted!
>>
>>
>> Authorized Dealer/Reseller/Sales Representative for;
>> Earphone Connection - Audio Accessories
>> OTTO Excellence - Audio Accessories
>> ARC - Audio Accessories
>> Impact/Treat 4 - Audio Accessories
>> Pryme - Audio Accessories
>> Impact Power Technologies - Batteries

>> Laird Tech - Antennas
>> Tram-Browning - Antennas
>> Kenwood
>> Icom
>> Vertex Standard
>> Harris
>> & Much more!
>>
>> Markets Served;
>> Amateur Radio
>> Professional Radio
>> Commercial Radio
>>
>> Great prices and 24/7 customer service (via email).
>>
>>
>>
>> Sincerely,
>> Josh
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>
> --
> Glenn (Butch) Kanvick
> KE7FEL/R
>
>

2915. Re: [harris-radio] Portable P25

Yahoo group: harris-radio
Date: 2016-04-06 22:44:41 UTC
From: Glenn (Butch) Kanvick
Topic: 2911 Message: 2915

Okay, My piggy bank says all I can spend is $1500.00
Sorry that it is low, but that is all of the fun coupons that I have right now.

What about a programming cable?

Thanks again

On Wed, Apr 6, 2016 at 4:41 PM, TwoWay Radios two_wayradios@...
[harris-radio] <harris-radio@yahoogroups.com> wrote:

>
>
>
> Pictures available to potential buyers.
>
> Can program or give a copy.
>
> If interested make me an offer and I will send pictures.
>
> On Apr 6, 2016, at 15:34, 'Glenn (Butch) Kanvick' hotlrv1@...
> [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
>
>
> Do you have any pictures?
> What about programming them?
> How many channels can it scan?
>
> Thanks
>
> On Wed, Apr 6, 2016 at 3:54 PM, TwoWay Radios two_wayradios@yahoo.com
> [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
>>
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>>
>> *Promotional pricing expires Friday at 7PM PST.*
>> Limited stock. Offers Accepted!
>>
>> 1 each.
>> Thales Liberty Multiband
>>
>> *Features;*
>> P25 Conventional
>> Analog Wide Band

>> Analog Narrow Band
>> P25 Trunking
>> P25 Encryption AES-256, DES-OFB
>> P25 OTAR
>> MDC1200
>>
>> Radio
>> Battery
>> Charger
>> Belt Clip
>> Antenna 136-870MHz
>> Adapter
>>
>> Asking $2,000 Shipped
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>> _____
>>
>> 1 each.
>> Thales Liberty Multiband
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>> *Features;*
>> P25 Conventional
>> Analog Wide Band
>> Analog Narrow Band
>> P25 Trunking
>> P25 Encryption AES-256, DES-OFB
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>> Radio
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>> Asking $2,000 Shipped.
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>> Carry Case
>> AA Clamshell
>> Speaker Mic
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>> *Notes;*
>> Can add or remove item as necessary.
>> Discount available if purchasing 2 radios.
>> California residents, sales tax applies *on new equipment*.
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>> Money Orders.
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>> Cash (*Locals only*).
>> Ships with Tracking.
>> *NO wire transfers accepted*!
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>> *Authorized Dealer/Reseller/Sales Representative for;*
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>> Earphone Connection - *Audio Accessories*
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>> ARC - *Audio Accessories*
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>> Impact/Treat 4 - *Audio Accessories*
>>
>> Pryme - *Audio Accessories*
>>
>> Impact Power Technologies - *Batteries*
>>
>> Laird Tech - *Antennas*
>>
>> Tram-Browning - *Antennas*
>>
>> Kenwood
>>
>> Icom
>>
>> Vertex Standard
>>
>> Harris
>>
>> & Much more!
>>
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>> *Markets Served;*
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>> Amateur Radio
>>
>> Professional Radio
>>
>> Commercial Radio
>>
>> *Great prices and 24/7 customer service (via email).*
>>

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>> Sincerely,
>> Josh
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> --
> Glenn (Butch) Kanvick
> KE7FEL/R
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--
Glenn (Butch) Kanvick
KE7FEL/R
```

2916. Re: _FALCON.EXE Windows 7.

Yahoo group: harris-radio
Date: 2016-04-07 02:59:42 UTC
From: mbchagasl@...
Topic: 2911 Message: 2916

Hello good night,someone has the updated program and is compatible with Windows 7 FALCOM.EXE Harris FALCOM control software the group has available but is an old version can not be installed on modern computers,someone would have the programming and configuration software FALCON for RF-5000 RF-5022 for Windows 7.
bruno_chagas_leite@...

Thanks good night.

Best regards,

Bruno Schagas,73.

2918. Thales?

Yahoo group: harris-radio
Date: 2016-04-08 00:48:52 UTC
From: steve@...
Topic: 2918 Message: 2918

Is it just me? What is a Thales walkie talkie for sale doing in this group. There must be a group for that type of equipment. Next thing there will be Realistic and Sony radios being hawked.

Steve KD2OM

2919. RE: [harris-radio] Thales?

Yahoo group: harris-radio
Date: 2016-04-08 03:36:45 UTC
From: Richard Johnson
Topic: 2918 Message: 2919

Because of interest cross over probably.
Cool radio for a daily user that needs those options.
Rich Johnson
Ki6eza

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Thu, 7 Apr 2016 17:48:52 -0700
Subject: [harris-radio] Thales?

Is it just me? What is a Thales walkie talkie for sale doing in this group. There must be a group for that type of equipment. Next thing there will be Realistic and Sony radios being hawked.

Steve KD2OM

2920. Harris RF3200E

Yahoo group: harris-radio
Date: 2016-04-25 22:24:08 UTC
From: sulaiman Aljedaie 7Z1SJ
Topic: 2920 Message: 2920

hello group
i need help to find programming password for RF3200E SN# 6057
i Appreciate any help
many thanks

Sulaiman 7z1sj

2921. Re: [harris-radio] Harris RF3200E

Yahoo group: harris-radio
Date: 2016-04-26 00:33:14 UTC
From: roger
Topic: 2920 Message: 2921

Hello 7Z1SJ:
Contact me off group .

Regards
Roger
K4alphapapa(harris-yahoo ID)
waldrgr@...
Rochester NY
3200 3201 3230 2000
138 5000 short range

From: mailto:harris-radio@yahoogroups.com
Sent: Monday, April 25, 2016 6:24 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Harris RF3200E

hello group
i need help to find programming password for RF3200E SN# 6057
i Appreciate any help
many thanks

Sulaiman 7z1sj

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

2922. Harris Battery Date Codes

Yahoo group: harris-radio
Date: 2016-04-29 06:33:28 UTC
From: alan@...
Topic: 2922 Message: 2922

Can anyone please tell me what dates these codes are from?

HPAM
KSFM
CRFM

Thanks,
Alan

2923. Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-04-29 14:26:19 UTC
From: mmellinger100@...
Topic: 2866 Message: 2923

Hello again everyone,

Before we get away from my mobile install, another problem has come up.

With the equipment installed like I have described in my previous posts, when I transmit for any length of time like on an ALE link, the handles and the case of the radio becomes hot and I have received a good RF burn when I touched it. I'm assuming I need to ground everything better, but I thought I would ask the group to see if there might be something else wrong.

I have a good ground from the coupler to the frame and body of the vehicle, the amp as well. Where on the radio it self would be a good ground lug?

I also thought I might just take the coupler and amp out of the loop and just use the radio by it self with only 20-25 watts out. My question for that is can you power the radio with the RF-5833 amp with the PA control cable, and then just hook up coax to the BNC connector on the front of the radio? I would assume I would select the internal coupler in the config menu. I would only be using the amp for power for the radio nothing else. Does this sound like it would work?

Thanks

Mark
KE5QEO

2924. Re: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-04-29 19:51:47 UTC
From: roger
Topic: 2866 Message: 2924

Hi Mark:
The 138 when connected with the PA control cable automatically reduces the TX power to 100 mw to power the External PA.
You cannot get full 138 RF power when using the PA control cable to any External PA.

You should have the mounting clamps on the front of the 5833 that hold the 138 tightly and provide gnds . Paint would insulate these . On the rear of the 138 when put it into the 5833 it connects to finger stock as GNDs also to the 138 case.
The finger stock in on the 5833.

Regards
Roger
K4alphapapa(harris-yahoo ID)
waldrgr@...
Rochester NY
3200 3201 3230 2000
138 5000 short range

From: mailto:harris-radio@yahoogroups.com
Sent: Friday, April 29, 2016 10:26 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Hello again everyone,

Before we get away from my mobile install, another problem has come up.

With the equipment installed like I have described in my previous posts, when I transmit for any length of time like on an ALE link, the handles and the case of the radio becomes hot and I have received a good RF burn when I touched it. I'm assuming I need to ground everything better, but I thought I would ask the group to see if there might be something else wrong.

I have a good ground from the coupler to the frame and body of the vehicle, the amp as well. Where on the radio it self would be a good ground lug?

I also thought I might just take the coupler and amp out of the loop and just use the radio by it self with only 20-25 watts out. My question for that is can you power the radio with the RF-5833 amp with the PA control cable, and then just hook up coax to the BNC connector on the front of the radio? I would assume I would select the internal coupler in the config menu. I would only be using the amp for power for the radio nothing else. Does this sound like it would work?

Thanks

Mark
KE5QEO

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https://www.avast.com/antivirus

2925. external speaker for RF 5800 H MP

Yahoo group: harris-radio
Date: 2016-04-29 20:23:08 UTC
From: strandbiker1@...
Topic: 2925 Message: 2925

I am looking for an external speaker for an RF 5800 H MP. I am aware that the RF 5982 amplified speaker using the 10535-0707-A002 cable is an option. I am aware of the 12-36 volt power requirement. Is there a method to obtain that from the battery box on the bottom of the Rf 5800 or do you need to go an external source of DC?

Does Harris make an external speaker that can be powered from the battery box, if not the RF 5982?

TIA

Skip KD6JA

2926. Re: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-04-29 22:02:10 UTC
From: Mark Mellinger
Topic: 2866 Message: 2926

Thanks Roger for the info. Ok so if I unhook the PA control cable the only way to power the radio is by the battery connections on the bottom. I have some female connectors that I can hook up to the radio and then supply 24 vdc through those connections. My question is do I have hook up both connectors or just one when supplying 24-28vdc?

Thanks
Mark

Sent from my iPhone

> On Apr 29, 2016, at 2:51 PM, 'roger' waldrgr@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Hi Mark:
> The 138 when connected with the PA control cable automatically reduces the TX power to 100 mw to power the External PA.
> You cannot get full 138 RF power when using the PA control cable to any External PA.
>
> You should have the mounting clamps on the front of the 5833 that hold the 138 tightly and provide gnds . Paint would insulate these . On the rear of the 138 when put it into the 5833 it connects to finger stock as GNDs also to the 138 case.
> The finger stock in on the 5833.
>
> Regards
> Roger
> K4alphapapa(harris-yahoo ID)
> waldrgr@...
> Rochester NY
> 3200 3201 3230 2000
> 138 5000 short range
>
> From: mailto:harris-radio@yahoogroups.com
> Sent: Friday, April 29, 2016 10:26 AM
> To: harris-radio@yahoogroups.com
> Subject: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup
>
>
> Hello again everyone,
>
>
> Before we get away from my mobile install, another problem has come up.
>
> With the equipment installed like I have described in my previous posts, when I transmit for any length of time like on an ALE link, the handles and the case of the radio becomes hot and I have received a good RF burn when I touched it. I'm assuming I need to ground everything better, but I thought I would ask the group to see if there might be something

else wrong.
>
> I have a good ground from the coupler to the frame and body of the vehicle, the amp as well. Where on the radio it self would be a good ground lug?
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> I also thought I might just take the coupler and amp out of the loop and just use the radio by it self with only 20-25 watts out. My question for that is can you power the radio with the RF-5833 amp with the PA control cable, and then just hook up coax to the BNC connector on the front of the radio? I would assume I would select the internal coupler in the config menu. I would only be using the amp for power for the radio nothing else. Does this sound like it would work?
>
>
> Thanks
>
> Mark
> KE5QEO
>
> Virus-free. www.avast.com
>

2927. Re: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-04-30 14:47:13 UTC
From: roger
Topic: 2866 Message: 2927

Hi Mark:
That is correct.
The rear battery connections will give you the full 138 power and menu control.
Each of the connectors have a limit of 3.5 amps if using NiCad battery and 1.9 amps if using Lithium battery.
The unit will work off only 1 side but power could be limited.
20 watt comes pretty close to the limit depending on the ampl itself.

Regards
Roger
K4alphapapa(harris-yahoo ID)
waldrgr@...
Rochester NY
3200 3201 3230 2000
138 5000 short range
From: mailto:harris-radio@yahoogroups.com
Sent: Friday, April 29, 2016 6:02 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Thanks Roger for the info. Ok so if I unhook the PA control cable the only way to power the radio is by the battery connections on the bottom. I have some female connectors that I can hook up to the radio and then supply 24 vdc through those connections. My question is do I have hook up both connectors or just one when supplying 24-28vdc?

Thanks
Mark

Sent from my iPhone

On Apr 29, 2016, at 2:51 PM, 'roger' waldrgr@... [harris-radio]
<harris-radio@yahoogroups.com> wrote:

Hi Mark:
The 138 when connected with the PA control cable automatically reduces the TX power to 100 mw to power the External PA.
You cannot get full 138 RF power when using the PA control cable to any External PA.

You should have the mounting clamps on the front of the 5833 that hold the 138 tightly and provide gnds . Paint would insulate these . On the rear of the 138 when put it into the 5833 it connects to finger stock as GNDs also to the 138 case.
The finger stock in on the 5833.

Regards
Roger
K4alphapapa(harris-yahoo ID)
waldrgr@...

Rochester NY
3200 3201 3230 2000
138 5000 short range

From: mailto:harris-radio@yahoogroups.com
Sent: Friday, April 29, 2016 10:26 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Hello again everyone,

Before we get away from my mobile install, another problem has come up.

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Thanks

Mark
KE5QEO

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https://www.avast.com/antivirus

2928. Re: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-04-30 17:03:04 UTC
From: Mark Mellinger
Topic: 2866 Message: 2928

Ok that's what I'm going to do then. If I understand what you said correctly I can power the radio with one of the bottom connectors but it might not have enough power for full output. So if I power both connectors from a 24 volt power supply I need to make sure I have 24 volts at each connector right? I will wire it in parallel. In my vehicle I have a good Harris DC to DC converter (12v to 24v) and it puts out up to 30 amps.

Thanks

Mark
KE5QEO

Sent from my iPhone

> On Apr 30, 2016, at 9:47 AM, 'roger' waldrgr@rochester.rr.com [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Hi Mark:
> That is correct.
> The rear battery connections will give you the full 138 power and menu control.
> Each of the connectors have a limit of 3.5 amps if using NiCad battery and 1.9 amps if using Lithium battery.
> The unit will work off only 1 side but power could be limited.
> 20 watt comes pretty close to the limit depending on the ampl itself.
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> Regards
> Roger
> K4alphapapa(harris-yahoo ID)
> waldrgr@...
> Rochester NY
> 3200 3201 3230 2000
> 138 5000 short range
> From: mailto:harris-radio@yahoogroups.com
> Sent: Friday, April 29, 2016 6:02 PM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup
>
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> Thanks
> Mark
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> Sent from my iPhone

>
>> On Apr 29, 2016, at 2:51 PM, 'roger' waldrgr@... [harris-radio]
<harris-radio@yahoogroups.com> wrote:
>>
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>> Hi Mark:
>> The 138 when connected with the PA control cable automatically reduces the TX power to 100 mw to power the External PA.
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>> You should have the mounting clamps on the front of the 5833 that hold the 138 tightly and provide gnds . Paint would insulate these . On the rear of the 138 when put it into the 5833 it connects to finger stock as GNDs also to the 138 case.
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>> Roger
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>> waldrgr@rochester.rr.com
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>> Sent: Friday, April 29, 2016 10:26 AM
>> To: harris-radio@yahoogroups.com
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>> Hello again everyone,
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>>

>>
>> Thanks
>>
>> Mark
>> KE5QEO
>>
>> Virus-free. www.avast.com
>
> Virus-free. www.avast.com
>

2929. RE: [harris-radio] Re: PRC 138 RF-5833 PA 004 mobile setup

Yahoo group: harris-radio
Date: 2016-04-30 17:29:48 UTC
From: Richard Johnson
Topic: 2866 Message: 2929

Have you just plugged batteries onto the 138 and done full tests with the manpack by its self?
This is the first thing you should do to figure out if you have a good radio or not. Then progress to the rest of the vehicle system.
The radio will run fine on one BB2590 or the 5590.
If you use the 390 batteries you will still have full power, just not as long of battery life. Same goes for the 590.
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms…"
Thomas Jefferson

2930. User manual

Yahoo group: harris-radio
Date: 2016-05-10 19:22:19 UTC
From: TwoWay Radios
Topic: 2930 Message: 2930

Anyone have a copy of a prc6809 user manual?

2931. RE: [harris-radio] FS VERY RARE HARRIS RF-5030PA/CU-20

Yahoo group: harris-radio
Date: 2016-05-12 01:54:52 UTC
From: titus3738@...
Topic: 2829 Message: 2931

Mike The unit that Federico was selling is back in the USA now; glad to hear it is one of the two and not three.

Zee

2932. RE: [harris-radio] FS VERY RARE HARRIS RF-5030PA/CU-20

Yahoo group: harris-radio
Date: 2016-05-12 03:01:40 UTC
From: prcradio@...
Topic: 2829 Message: 2932

Does this mean there are only two known Harris RF-5030PA/CU-20 amp/couplers out there?

Mike

2933. Question on RF-590 filters

Yahoo group: harris-radio
Date: 2016-05-12 13:59:50 UTC
From: W2HX
Topic: 2933 Message: 2933

Hi friends,

I just acquired an RF-590 (to replace the 590H I am selling on ebay). One of the reasons I was interested in the 590 was that it has the ability to have more than one filter per mode. The "H" has only one filter per mode. When I plugged in the new 590 and tested it out, here are the filters it has:

AM 6.0, 3.2, 16
SSB 3.2
FM 16
CW 1.0, .3

I was surprised that I had only one bandwidth for sideband. I would have expected some choice here. I then remembered that I had purchased a spare filter board a long time ago. So I dug it out and took a look. This is what I found. The 590 seems to have mechanical filters, but this spare board I acquired seems to have crystal filters. Here are some pictures:

http://w2hx.com/x/Harris/RF-590/0511162325.jpg
http://w2hx.com/x/Harris/RF-590/0511162325a.jpg

Can anyone tell me a few things?

1. When/why/how did Harris have different options for filter technology (crystal/mechanical)

2. I noticed that both boards seem to have a spare "space" for a filter. Can I put a filter into one of these spots?

3. If I were to add a filter, how would I know which mode would "see" that filter as available?

Does anyone have a 590 with more than one BW for ssb? I would love to try to use one of the 2.7k filters from the crystal filter board pictured above. But I wonder if I would need two filter slots not just one to handle USB and LSB?
Maybe I would have to replace both 3.2K filters with the two 2.7k filters? If I did that, would the display show the right bandwidth automatically or is there something I would need to do?

I know mechanical filters have very steep skirts. But for general purposes hamming, might the crystals sound better than the mechanicals? Anyone ever play with these two types of filters in a 590?

What can you guys tell me about filters, filter boards, the 590 and all of that?
Thanks in advance!!
Eugene W2HX

2934. Re: Question on RF-590 filters

Yahoo group: harris-radio
Date: 2016-05-12 14:31:49 UTC
From: prcradio@...
Topic: 2933 Message: 2934

I sold a 590 to a friend and it had crystal filters. The new owner later claimed the crystal filters in that particular receiver were equalized for phase and amplitude, which he thought was superior to the mechanical filter versions.

I had both a 590 and 590A and remember the crystal filter version had a particular sound that seemed nicer than the mechanical filter version, the kind of subtle sound you can't put a finger on but it was really nice for long periods of listening.

Mike

2935. RE: [harris-radio] FS VERY RARE HARRIS RF-5030PA/CU-20

Yahoo group: harris-radio
Date: 2016-05-12 16:10:19 UTC
From: titus3738@...
Topic: 2829 Message: 2935

Lee was looking for Schematics so he has one.. I have the one Federico sold. Who else has one or knows of one? Z

2936. Harris Portable

Yahoo group: harris-radio
Date: 2016-05-12 22:42:20 UTC
From: TwoWay Radios
Topic: 2930 Message: 2936

Interested in a Unity Portable? Asking $2,000. Need to move it quick.

Interested parties with cash on hand, contact only!

2937. Re: [harris-radio] Harris Portable

Yahoo group: harris-radio
Date: 2016-05-12 23:28:48 UTC
From: Peter Gottlieb
Topic: 2930 Message: 2937

What model? Condition?

Peter

> On May 12, 2016, at 6:42 PM, TwoWay Radios two_wayradios@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
>
> Interested in a Unity Portable? Asking $2,000. Need to move it quick.
>
> Interested parties with cash on hand, contact only!
>
>

2938. Re: [harris-radio] Harris Portable

Yahoo group: harris-radio
Date: 2016-05-12 23:51:55 UTC
From: TwoWay Radios
Topic: 2930 Message: 2938

Will call anyone with money on hand or most of it and provide more info.

All others delete.

> On May 12, 2016, at 16:28, Peter Gottlieb hpnpilot@gmail.com [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> What model? Condition?
>
>
> Peter
>
>> On May 12, 2016, at 6:42 PM, TwoWay Radios two_wayradios@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>>
>>
>>
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>>
>> Interested parties with cash on hand, contact only!
>
>

2939. Re: [harris-radio] Harris Portable

Yahoo group: harris-radio
Date: 2016-05-13 01:20:15 UTC
From: Peter Gottlieb
Topic: 2930 Message: 2939

This fails the smell test.

On 5/12/2016 7:51 PM, TwoWay Radios two_wayradios@... [harris-radio] wrote:
>
> *Will call anyone* with _money on hand or most of it_ and provide *more info*.
>
> All others delete.
>
>
> On May 12, 2016, at 16:28, Peter Gottlieb hpnpilot@...
> <mailto:hpnpilot@...> [harris-radio] <harris-radio@yahoogroups.com
> <mailto:harris-radio@yahoogroups.com>> wrote:
>
>> What model? Condition?
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>>
>> Peter
>>
>> On May 12, 2016, at 6:42 PM, TwoWay Radios two_wayradios@...
>> <mailto:two_wayradios@...> [harris-radio] <harris-radio@yahoogroups.com
>> <mailto:harris-radio@yahoogroups.com>> wrote:
>>
>>>
>>> Interested in a Unity Portable? Asking $2,000. Need to move it quick.
>>>
>>> Interested parties with cash on hand, contact only!
>

2940. Re: [harris-radio] Question on RF-590 filters

Yahoo group: harris-radio
Date: 2016-05-13 02:09:08 UTC
From: Peter Gottlieb
Topic: 2933 Message: 2940

The 590 is different from the 590A of which I have extensive knowledge of the firmware and peripheral setup. However, I strongly suspect many aspects of how the 590 works were repeated in the 590A. It's been a while and I could definitely refresh my knowledge but here is how it basically works.

On the filter board there are two filter locations reserved for USB and LSB. I've seen 2.7 kHz and 3.2 kHz versions. 2.7 kHz might be better for voice reception in congested bands and 3.2 kHz works better for data waveforms which require more than the 2.7 kHz BW. I have 3.2 filters in my receiver and it has worked flawlessly on every voice channel waveform when other receivers had problems due to their narrower filters.

The CPU board has a DIP switch which selects one of a number of preset known filter configurations. The filters are not in any way sensed by the firmware; rather, the firmware, for any given preset selected, enables the proper filter location (or locations, for ISB) and displays what it expects is there. So if you changed your 3.2 kHz filters to 2.7 kHz ones the radio would still display "3.2" for the BW when SSB is selected. Here is the filter configuration table in the latest code of the RF-590A:
Filter DIP switch positions 1, 2, and 3 enable filter positions 7, 6, and 5

```
Filter Position
1 2 3 4 5
6 7 8
DIP Switch 4-8 ----- ----- ---- ---- ---- ----
----- -----
00000 3.20 3.20 0.30 1.00 3.20 6.00 16.00 20.00
SSB SSB CW CW AM AM AM AM
FSK FSK FSK
FSK FM FM

00100 2.70 2.70 0.15 0.30 1.00 6.00 10.00 16.00
SSB SSB CW CW CW CW CW AM
CW CW FSK FSK FSK AM AM FM
FSK
FSK FSK FSK

01000 2.80 2.80 6.80 10.00 16.00
SSB SSB AM AM AM
FSK
FSK FM

01001 3.20 3.20 0.30 1.00 3.20
6.80 16.00
SSB SSB CW CW AM
AM AM
```

FSK FSK FSK
FSK FM

10010 2.70 2.70 0.30 1.00 6.00 3.20 16.00
SSB SSB CW CW AM AM AM
FSK FSK FSK
FSK FM

10011 2.70 2.70 0.30 0.15 1.00 6.00
3.20 16.00
SSB SSB CW CW CW AM
AM AM
FSK FSK FSK FSK
FSK FM

11001 5.00 5.00 0.30 1.00 3.20 6.00
10.00 16.00
SSB SSB CW CW AM AM
AM AM
FSK FSK FSK FM

11110 2.80 2.80 0.30 1.00 3.20 6.80
10.00 16.00
SSB SSB CW CW AM AM
AM AM
FSK FSK FSK
FSK FM

(Other) 2.80 2.80 0.30 1.00 3.20 6.00
10.00 16.00
"Standard" SSB SSB CW CW AM AM AM AM
FSK FSK FSK FSK

I know the formatting isn't going to make it through but it's likely your firmware has different setups anyway. The point is that what is selected and displayed for each mode is in a relatively small set of presets that are selected through the BW selection DIP switch on the processor board. You can actually try different switch settings to see what presets are in your radio. It won't harm anything but do remember what your original switch setup was. I don't remember if the DIP switches were only read at startup so just in case if you change them, cycle power before seeing what happened. Btw, 20 kHz is IIRC the last slot and is used for wideband rear panel output mostly. As you noted it's not populated in your unit (neither is mine). ISTR there is a way to tell the processor it's not there but I don't remember what it is (maybe switch or jumper).

Your radio has exactly the same filter complement as my 590A. The radio is not set up for multiple SSB BWs but I suppose it is possible with a combination of firmware and hardware hacks which are probably not worth the effort.

To your questions:
The filters with flatter phase response are better for data reception. I don't

remember which one that is. I think they were an extra cost option.

The extra slot is for the last filter for AM and FM, only for filter option 00000. It will claim 20 kHz but whatever you put there will be what you actually get. At least that's how my 590A is set up.

I have heard there are some special firmware revisions for special purpose applications and I don't know precisely what the 590 is set up to do but hopefully this is a good start on understanding the way Harris set it up. I am not sure the 590A (and likely 590) can do SSB with more than one set of filters hardware-wise.

Peter

On 5/12/2016 9:59 AM, W2HX w2hx@... [harris-radio] wrote:
>
> Hi friends,
>
> I just acquired an RF-590 (to replace the 590H I am selling on ebay). One of
> the reasons I was interested in the 590 was that it has the ability to have
> more than one filter per mode. The ?H? has only one filter per mode. When I
> plugged in the new 590 and tested it out, here are the filters it has:
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> Can anyone tell me a few things?
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> 2.I noticed that both boards seem to have a spare ?space? for a filter. Can I
> put a filter into one of these spots?
>
> 3.If I were to add a filter, how would I know which mode would ?see? that
> filter as available?

>
> Does anyone have a 590 with more than one BW for ssb? I would love to try to
> use one of the 2.7k filters from the crystal filter board pictured above. But
> I wonder if I would need two filter slots not just one to handle USB and LSB?
>
> Maybe I would have to replace both 3.2K filters with the two 2.7k filters? If
> I did that, would the display show the right bandwidth automatically or is
> there something I would need to do?
>
> I know mechanical filters have very steep skirts. But for general purposes
> hamming, might the crystals sound better than the mechanicals? Anyone ever
> play with these two types of filters in a 590?
>
> What can you guys tell me about filters, filter boards, the 590 and all of that?
>
> Thanks in advance!!
>
> Eugene W2HX
>
>

2941. Re: [harris-radio] Harris Portable

Yahoo group: harris-radio
Date: 2016-05-13 03:53:10 UTC
From: Glenn (Butch) Kanvick
Topic: 2930 Message: 2941

Yeppers, I know we need way more information and pictures of the actual radio and model number and serial numbers.

Might be a few of us interested if we had the correct info .....

On Thu, May 12, 2016 at 4:42 PM, TwoWay Radios two_wayradios@... [harris-radio] <harris-radio@...m> wrote:

>
>
>
> Interested in a Unity Portable? Asking $2,000. Need to move it quick.
>
> Interested parties with cash on hand, contact only!
>
>
>

--
Glenn (Butch) Kanvick
KE7FEL/R

2942. RE: [harris-radio] Question on RF-590 filters

Yahoo group: harris-radio
Date: 2016-05-13 16:34:11 UTC
From: W2HX
Topic: 2933 Message: 2942

Thanks, Peter. Very interesting how this works. I wonder if the best solution would be to just bring the IF (before the filters) out to the back panel and use some kind of SDR/DSP receiver at the IF to handle all the filtering one might desire?

I wonder the best way to accomplish this? One way would be to use the empty filter position and just bridge across it. Then set the dip switches to enable that position (called 20 kHz?). Or just remove the filter board completely and bridge across? I don't know if I might need a buffer stage or anything before an DSP receiver, probably not. Might need some attenuation, though.

I wonder what the best approach would be the best approach?
Eugene

-----Original Message-----
From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, May 12, 2016 10:09 PM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Question on RF-590 filters

The 590 is different from the 590A of which I have extensive knowledge of the firmware and peripheral setup. However, I strongly suspect many aspects of how the 590 works were repeated in the 590A. It's been a while and I could definitely refresh my knowledge but here is how it basically works.

On the filter board there are two filter locations reserved for USB and LSB.
I've seen 2.7 kHz and 3.2 kHz versions. 2.7 kHz might be better for voice reception in congested bands and 3.2 kHz works better for data waveforms which require more than the 2.7 kHz BW. I have 3.2 filters in my receiver and it has worked flawlessly on every voice channel waveform when other receivers had problems due to their narrower filters.

The CPU board has a DIP switch which selects one of a number of preset known filter configurations. The filters are not in any way sensed by the firmware; rather, the firmware, for any given preset selected, enables the proper filter location (or locations, for ISB) and displays what it expects is there. So if you changed your 3.2 kHz filters to 2.7 kHz ones the radio would still display "3.2" for the BW when SSB is selected. Here is the filter configuration table in the latest code of the RF-590A:
Filter DIP switch positions 1, 2, and 3 enable filter positions 7, 6, and 5

Filter Position
1 2 3 4 5
6 7 8
DIP Switch 4-8 ----- ----- ---- ---- ---- ----
----- -----
00000 3.20 3.20 0.30 1.00 3.20 6.00 16.00 20.00
SSB SSB CW CW AM AM AM AM
FSK FSK FSK
FSK FM FM

00100 2.70 2.70 0.15 0.30 1.00 6.00 10.00 16.00
SSB SSB CW CW CW CW CW AM
CW CW FSK FSK FSK AM AM FM
FSK
FSK FSK FSK

01000 2.80 2.80 6.80 10.00 16.00
SSB SSB AM AM AM
FSK
FSK FM

01001 3.20 3.20 0.30 1.00 3.20
6.80 16.00
SSB SSB CW CW AM
AM AM
FSK FSK FSK
FSK FM

10010 2.70 2.70 0.30 1.00 6.00 3.20 16.00
SSB SSB CW CW AM AM AM
FSK FSK FSK
FSK FM

10011 2.70 2.70 0.30 0.15 1.00 6.00
3.20 16.00
SSB SSB CW CW CW AM
AM AM
FSK FSK FSK FSK
FSK FM

11001 5.00 5.00 0.30 1.00 3.20 6.00
10.00 16.00
SSB SSB CW CW AM AM
AM AM
FSK FSK FSK FM

11110 2.80 2.80 0.30 1.00 3.20 6.80
10.00 16.00
SSB SSB CW CW AM AM
AM AM
FSK FSK FSK
FSK FM

(Other) 2.80 2.80 0.30 1.00 3.20 6.00
10.00 16.00
"Standard" SSB SSB CW CW AM AM AM AM
FSK FSK FSK FSK

I know the formatting isn't going to make it through but it's likely your firmware has different setups anyway. The point is that what is selected and displayed for each mode is in a relatively small set of presets that are selected through the BW selection DIP switch on the processor board. You can actually try different switch settings to see what presets are in your radio.

It won't harm anything but do remember what your original switch setup was. I don't remember if the DIP switches were only read at startup so just in case if you change them, cycle power before seeing what happened. Btw, 20 kHz is IIRC the last slot and is used for wideband rear panel output mostly. As you noted it's not populated in your unit (neither is mine). ISTR there is a way to tell the processor it's not there but I don't remember what it is (maybe switch or jumper).

Your radio has exactly the same filter complement as my 590A. The radio is not set up for multiple SSB BWs but I suppose it is possible with a combination of firmware and hardware hacks which are probably not worth the effort.

To your questions:
The filters with flatter phase response are better for data reception. I don't remember which one that is. I think they were an extra cost option.

The extra slot is for the last filter for AM and FM, only for filter option 00000. It will claim 20 kHz but whatever you put there will be what you actually get. At least that's how my 590A is set up.

I have heard there are some special firmware revisions for special purpose applications and I don't know precisely what the 590 is set up to do but hopefully this is a good start on understanding the way Harris set it up. I am not sure the 590A (and likely 590) can do SSB with more than one set of filters hardware-wise.

Peter

On 5/12/2016 9:59 AM, W2HX w2hx@... [harris-radio] wrote:
>
> Hi friends,
>
> I just acquired an RF-590 (to replace the 590H I am selling on ebay).
> One of the reasons I was interested in the 590 was that it has the
> ability to have more than one filter per mode. The "H" has only one
> filter per mode. When I plugged in the new 590 and tested it out, here are the filters it has:
>
> AM 6.0, 3.2, 16
>
> SSB 3.2
>
> FM 16
>
> CW 1.0, .3
>
> I was surprised that I had only one bandwidth for sideband. I would
> have expected some choice here. I then remembered that I had purchased
> a spare filter board a long time ago. So I dug it out and took a look.
> This is what I found. The 590 seems to have mechanical filters, but
> this spare board I acquired seems to have crystal filters. Here are some pictures:
>
> http://w2hx.com/x/Harris/RF-590/0511162325.jpg
>

> http://w2hx.com/x/Harris/RF-590/0511162325a.jpg
>
> Can anyone tell me a few things?
>
> 1.When/why/how did Harris have different options for filter technology
> (crystal/mechanical)
>
> 2.I noticed that both boards seem to have a spare "space" for a
> filter. Can I put a filter into one of these spots?
>
> 3.If I were to add a filter, how would I know which mode would "see"
> that filter as available?
>
> Does anyone have a 590 with more than one BW for ssb? I would love to
> try to use one of the 2.7k filters from the crystal filter board
> pictured above. But I wonder if I would need two filter slots not just one to handle USB
and LSB?
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> Maybe I would have to replace both 3.2K filters with the two 2.7k
> filters? If I did that, would the display show the right bandwidth
> automatically or is there something I would need to do?
>
> I know mechanical filters have very steep skirts. But for general
> purposes hamming, might the crystals sound better than the
> mechanicals? Anyone ever play with these two types of filters in a 590?
>
> What can you guys tell me about filters, filter boards, the 590 and all of that?
>
> Thanks in advance!!
>
> Eugene W2HX
>
>

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2943. Re: [harris-radio] Question on RF-590 filters

Yahoo group: harris-radio
Date: 2016-05-13 17:19:32 UTC
From: Peter Gottlieb
Topic: 2933 Message: 2943

Well, simply use the unfiltered 455 kHz IF output on the back. No radio mods needed. I have had mine hooked to a HP 3585A at times to make for a quick and dirty pan adapter.

Peter

> On May 13, 2016, at 12:34 PM, W2HX w2hx@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Thanks, Peter. Very interesting how this works. I wonder if the best solution would be to just bring the IF (before the filters) out to the back panel and use some kind of SDR/DSP receiver at the IF to handle all the filtering one might desire?
>
> I wonder the best way to accomplish this? One way would be to use the empty filter position and just bridge across it. Then set the dip switches to enable that position (called 20 kHz?). Or just remove the filter board completely and bridge across? I don't know if I might need a buffer stage or anything before an DSP receiver, probably not. Might need some attenuation, though.
>
> I wonder what the best approach would be the best approach?
> Eugene
>
> -----Original Message-----
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> Sent: Thursday, May 12, 2016 10:09 PM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] Question on RF-590 filters
>
> The 590 is different from the 590A of which I have extensive knowledge of the firmware and peripheral setup. However, I strongly suspect many aspects of how the 590 works were repeated in the 590A. It's been a while and I could definitely refresh my knowledge but here is how it basically works.
>
> On the filter board there are two filter locations reserved for USB and LSB.
> I've seen 2.7 kHz and 3.2 kHz versions. 2.7 kHz might be better for voice reception in congested bands and 3.2 kHz works better for data waveforms which require more than the 2.7 kHz BW. I have 3.2 filters in my receiver and it has worked flawlessly on every voice channel waveform when other receivers had problems due to their narrower filters.
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> The CPU board has a DIP switch which selects one of a number of preset known filter configurations. The filters are not in any way sensed by the firmware; rather, the firmware, for any given preset selected, enables the proper filter location (or locations, for ISB) and displays what it expects is there. So if you changed your 3.2 kHz filters to 2.7 kHz ones the radio would still display "3.2" for the BW when SSB is selected. Here is the filter configuration table in the latest code of the RF-590A:
> Filter DIP switch positions 1, 2, and 3 enable filter positions 7, 6, and 5

```
>
> Filter Position
> 1 2 3 4 5
> 6 7 8
> DIP Switch 4-8 ----- ----- ---- ---- ---- ----
> ----- -----
> 00000 3.20 3.20 0.30 1.00 3.20 6.00 16.00 20.00
> SSB SSB CW CW AM AM AM AM
> FSK FSK FSK
> FSK FM FM
>
> 00100 2.70 2.70 0.15 0.30 1.00 6.00 10.00 16.00
> SSB SSB CW CW CW CW CW AM
> CW CW FSK FSK FSK AM AM FM
> FSK
> FSK FSK FSK
>
> 01000 2.80 2.80 6.80 10.00 16.00
> SSB SSB AM AM AM
> FSK
> FSK FM
>
> 01001 3.20 3.20 0.30 1.00 3.20
> 6.80 16.00
> SSB SSB CW CW AM
> AM AM
> FSK FSK FSK
> FSK FM
>
> 10010 2.70 2.70 0.30 1.00 6.00 3.20 16.00
> SSB SSB CW CW AM AM AM
> FSK FSK FSK
> FSK FM
>
> 10011 2.70 2.70 0.30 0.15 1.00 6.00
> 3.20 16.00
> SSB SSB CW CW CW AM
> AM AM
> FSK FSK FSK FSK
> FSK FM
>
> 11001 5.00 5.00 0.30 1.00 3.20 6.00
> 10.00 16.00
> SSB SSB CW CW AM AM
> AM AM
> FSK FSK FSK FM
>
> 11110 2.80 2.80 0.30 1.00 3.20 6.80
> 10.00 16.00
> SSB SSB CW CW AM AM
```

> AM AM
> FSK FSK FSK
> FSK FM
>
> (Other) 2.80 2.80 0.30 1.00 3.20 6.00
> 10.00 16.00
> "Standard" SSB SSB CW CW AM AM AM AM
> FSK FSK FSK FSK
>
> I know the formatting isn't going to make it through but it's likely your firmware has different setups anyway. The point is that what is selected and displayed for each mode is in a relatively small set of presets that are selected through the BW selection DIP switch on the processor board. You can actually try different switch settings to see what presets are in your radio.
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>
> Your radio has exactly the same filter complement as my 590A. The radio is not set up for multiple SSB BWs but I suppose it is possible with a combination of firmware and hardware hacks which are probably not worth the effort.
>
> To your questions:
> The filters with flatter phase response are better for data reception. I don't remember which one that is. I think they were an extra cost option.
>
> The extra slot is for the last filter for AM and FM, only for filter option 00000. It will claim 20 kHz but whatever you put there will be what you actually get. At least that's how my 590A is set up.
>
> I have heard there are some special firmware revisions for special purpose applications and I don't know precisely what the 590 is set up to do but hopefully this is a good start on understanding the way Harris set it up. I am not sure the 590A (and likely 590) can do SSB with more than one set of filters hardware-wise.
>
> Peter
>
> On 5/12/2016 9:59 AM, W2HX w2hx@w2hx.com [harris-radio] wrote:
> >
> > Hi friends,
> >
> > I just acquired an RF-590 (to replace the 590H I am selling on ebay).
> > One of the reasons I was interested in the 590 was that it has the
> > ability to have more than one filter per mode. The "H" has only one
> > filter per mode. When I plugged in the new 590 and tested it out, here are the filters it has:
> >

> > AM 6.0, 3.2, 16
> >
> > SSB 3.2
> >
> > FM 16
> >
> > CW 1.0, .3
> >
> > I was surprised that I had only one bandwidth for sideband. I would
> > have expected some choice here. I then remembered that I had purchased
> > a spare filter board a long time ago. So I dug it out and took a look.
> > This is what I found. The 590 seems to have mechanical filters, but
> > this spare board I acquired seems to have crystal filters. Here are some pictures:
> >
> > http://w2hx.com/x/Harris/RF-590/0511162325.jpg
> >
> > http://w2hx.com/x/Harris/RF-590/0511162325a.jpg
> >
> > Can anyone tell me a few things?
> >
> > 1.When/why/how did Harris have different options for filter technology
> > (crystal/mechanical)
> >
> > 2.I noticed that both boards seem to have a spare "space" for a
> > filter. Can I put a filter into one of these spots?
> >
> > 3.If I were to add a filter, how would I know which mode would "see"
> > that filter as available?
> >
> > Does anyone have a 590 with more than one BW for ssb? I would love to
> > try to use one of the 2.7k filters from the crystal filter board
> > pictured above. But I wonder if I would need two filter slots not just one to handle
USB and LSB?
> >
> > Maybe I would have to replace both 3.2K filters with the two 2.7k
> > filters? If I did that, would the display show the right bandwidth
> > automatically or is there something I would need to do?
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> > I know mechanical filters have very steep skirts. But for general
> > purposes hamming, might the crystals sound better than the
> > mechanicals? Anyone ever play with these two types of filters in a 590?
> >
> > What can you guys tell me about filters, filter boards, the 590 and all of that?
> >
> > Thanks in advance!!
> >
> > Eugene W2HX
> >
> >
>

> ---
>
> ---
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2944. Harris M/A com radios for sale

Yahoo group: harris-radio
Date: 2016-05-13 18:20:28 UTC
From: john@...
Topic: 2944 Message: 2944

We have lots of 800 MHz, VHF with both EDAC and OPENSKY feature strings

P7100 both full and limited keypad both System and SCAN P7200 same as above

M7300 Phase I and II digital
P7300 Phase I and II digital Just message me off list if you think there may be a need.

Thank you for looking.

John@SunnyCommunications.com
303-550-8782 cell

2945. RE: [harris-radio] FS VERY RARE HARRIS RF-5030PA/CU-20

Yahoo group: harris-radio
Date: 2016-05-14 04:23:28 UTC
From: prcradio@...
Topic: 2829 Message: 2945

I have one and may also have the schematics. Mike

2947. RF3200T for delivery at Dayton

Yahoo group: harris-radio
Date: 2016-05-14 11:07:31 UTC
From: Tom B
Topic: 2947 Message: 2947

Hello All,

I am thinking of selling my Harris RF3200T portable at Dayton. It is in the case with the tuner and is working very nicely.
The case has a few dings in it from traveling.

I am thinking of asking $1,500. I do not want to ship this thing.

I just wanted to see if there was enough interest before I brought it out with me.

Tom Bryan
N3AJA

2948. RF-301, GRC-165 and variants

Yahoo group: harris-radio
Date: 2016-05-14 11:51:53 UTC
From: Meir WF2U
Topic: 2947 Message: 2948

Hello All,

Interesting that the subject radio never comes up for discussion here.
My question is: is it so unpopular that nobody mentions it, or just nobody on this particular list happens to have them?
I'm presently working on an RF-301 and a GRC-165 to get them on the air.

73, Meir WF2U
Landrum, SC

On May 14, 2016 7:07:31 AM EDT, "Tom B tbryan@... [harris-radio]"
<harris-radio@yahoogroups.com> wrote:
>Hello All,
>
>I am thinking of selling my Harris RF3200T portable at Dayton. It is
>in
>the case with the tuner and is working very nicely.
>The case has a few dings in it from traveling.
>
>I am thinking of asking $1,500. I do not want to ship this thing.
>
>I just wanted to see if there was enough interest before I brought it
>out with me.
>
>Tom Bryan
>N3AJA

--
Sent from my Android device with K-9 Mail. Please excuse my brevity.

2949. Re: [harris-radio] RF-301, GRC-165 and variants

Yahoo group: harris-radio
Date: 2016-05-14 12:34:27 UTC
From: Hans Goldschmidt
Topic: 2947 Message: 2949

Hello Meir and the rest:

I am on the air with my radio and have been so almost daily the last 69 years, hi! The problem is nowadays , that so many of the familiar voices ot technical oriented hams no longerare heard simply because they are SK. And not very often you enjoy nowadays a technical discussion on the air. Many of the newer hams lack the technical knowledge how to use their black boxes and the result is very often low quality signals that use a lot of elbow space. Sad.

When we started SSB. one of the main advantages was the use of vox that permitted us to talk in a normal fashion. Isnt it shocking, that most hams still do not use this feature? After all these years of ham SSB? I started 1958.

73s de Hans Goldschmidt SM5KI / OH0KI
Stockholm
SWEDEN
> 14 maj 2016 kl. 13:51 skrev Meir WF2U wf2u@ws19ops.com [harris-radio] <harris-radio@yahoogroups.com>:
>
> Hello All,
>
> Interesting that the subject radio never comes up for discussion here.
> My question is: is it so unpopular that nobody mentions it, or just nobody on this particular list happens to have them?
> I'm presently working on an RF-301 and a GRC-165 to get them on the air.
>
> 73, Meir WF2U
> Landrum, SC
>
>
> On May 14, 2016 7:07:31 AM EDT, "Tom B tbryan@... <mailto:tbryan@...> [harris-radio]" <harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>> wrote:
>
> Hello All,
>
> I am thinking of selling my Harris RF3200T portable at Dayton. It is in
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> The case has a few dings in it from traveling.
>
> I am thinking of asking $1,500. I do not want to ship this thing.
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> I just wanted to see if there was enough interest before I brought it
> out with me.
>
> Tom Bryan
> N3AJA

>
>
>
> --
> Sent from my Android device with K-9 Mail. Please excuse my brevity.
>
>

2950. Re: [harris-radio] RF3200T for delivery at Dayton

Yahoo group: harris-radio
Date: 2016-05-14 12:59:11 UTC
From: Peter Gottlieb
Topic: 2947 Message: 2950

I'm interested.

Peter

> On May 14, 2016, at 7:07 AM, Tom B tbryan@nova.org [harris-radio]
<harris-radio@yahoogroups.com> wrote:
>
> Hello All,
>
> I am thinking of selling my Harris RF3200T portable at Dayton. It is in
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> The case has a few dings in it from traveling.
>
> I am thinking of asking $1,500. I do not want to ship this thing.
>
> I just wanted to see if there was enough interest before I brought it
> out with me.
>
> Tom Bryan
> N3AJA
>
>

2951. RE: [harris-radio] RF-301, GRC-165 and variants

Yahoo group: harris-radio
Date: 2016-05-14 13:43:51 UTC
From: Scott Johnson
Topic: 2947 Message: 2951

I have one, I like it very much, and it is a good question as to why I don’t put it on the air. Maybe the limited band coverage, but I hang out on the lower bands anyway. You just inspired me to dust it off.

Scott V. Johnson W7SVJ

5111 E. Sharon Dr.

Scottsdale, AZ 85254-3636

H (602) 953-5779

C (480) 550-2358

<mailto:scottjohnson1@...> scottjohnson1@...

<mailto:scott.johnson@...> scott.johnson@...

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Saturday, May 14, 2016 4:52 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-301, GRC-165 and variants

Hello All,

Interesting that the subject radio never comes up for discussion here.
My question is: is it so unpopular that nobody mentions it, or just nobody on this particular list happens to have them?
I'm presently working on an RF-301 and a GRC-165 to get them on the air.

73, Meir WF2U
Landrum, SC

On May 14, 2016 7:07:31 AM EDT, "Tom B tbryan@... <mailto:tbryan@...> [harris-radio]" <harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com> > wrote:

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I am thinking of asking $1,500. I do not want to ship this thing.

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Tom Bryan
N3AJA

--
Sent from my Android device with K-9 Mail. Please excuse my brevity.

2952. EIMAC/ BURLE tubes for sale

Yahoo group: harris-radio
Date: 2016-05-14 14:13:21 UTC
From: argus@...
Topic: 2952 Message: 2952

Hello:

I am planning to sell my EIMAC 4CX1500B 3CX800A7 and BURLE 8122 tubes.

The former owner said, they are pull-outs removed from a stand - by transmitter in a time program after certain hours, he said. The actual time they have delivered power must have been short as they look very clean - actually almost like new and I have taken some pictures for those interested.

I have no means to test them other than with a ohm meter and they are sold as is. But, the similar ones I have sold in the past received no complains.

73s de Hans Goldschmidt SM5KI / OH0KI
Stockholm
Sweden
sm5ki@algonet.se

2953. Re: [harris-radio] RF3200T for delivery at Dayton

Yahoo group: harris-radio
Date: 2016-05-14 19:00:18 UTC
From: Tom B
Topic: 2947 Message: 2953

Ok, I will bring it. I am in space FE3047. I will be there early
Friday morning.

Tom

On 5/14/2016 8:59 AM, Peter Gottlieb hpnpilot@... [harris-radio]
wrote:
> I'm interested.
>
>
> Peter
>
> On May 14, 2016, at 7:07 AM, Tom B tbryan@...
> <mailto:tbryan@...> [harris-radio] <harris-radio@yahoogroups.com
> <mailto:harris-radio@yahoogroups.com>> wrote:
>
>> Hello All,
>>
>> I am thinking of selling my Harris RF3200T portable at Dayton. It is in
>> the case with the tuner and is working very nicely.
>> The case has a few dings in it from traveling.
>>
>> I am thinking of asking $1,500. I do not want to ship this thing.
>>
>> I just wanted to see if there was enough interest before I brought it
>> out with me.
>>
>> Tom Bryan
>> N3AJA
>>
>

2954. RF-550 Manual

Yahoo group: harris-radio
Date: 2016-05-16 01:47:40 UTC
From: Raymond S
Topic: 2952 Message: 2954

Good evening everyone, Does anyone have a PDF version of the manual for the RF-550 receiver or can point me in the right direction to obtain one? Just picked up one on eBay, hopefully I will not be disappointed.
Since this is my first post, I was at one point licensed as WA2CSO, let the license expire when I was in the Navy. Got out, received my bachelors in electrical engineering and worked for Harris in Melbourne Florida in their defense contractor divisions.
Thanks muchRay

2955. Re: [harris-radio] RF-550 Manual

Yahoo group: harris-radio
Date: 2016-05-16 15:11:02 UTC
From: Raymond S
Topic: 2952 Message: 2955

Good morning everyone, Just wanted to add that I created a dropbox account this morning that if you do by chance have the RF-550 manual, if you can drop a copy in there, that would be great.
Thanks much,Ray

2956. Re: [harris-radio] RF-550 Manual

Yahoo group: harris-radio
Date: 2016-05-17 13:50:11 UTC
From: roger
Topic: 2952 Message: 2956

Hi Ray:
I may have something of interest for the 550.
Contact me
Roger
K4alphapapa(harris-yahoo ID)
waldrgr@...
Rochester NY
3200 3201 3230 2000
138 5000 short range

From: mailto:harris-radio@yahoogroups.com
Sent: Monday, May 16, 2016 11:11 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF-550 Manual

Good morning everyone,
Just wanted to add that I created a dropbox account this morning that if you do by chance have the RF-550 manual, if you can drop a copy in there, that would be great.

Thanks much,
Ray

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

2957. Looking for a GRC-165 / RF-301

Yahoo group: harris-radio
Date: 2016-05-19 16:24:15 UTC
From: Raymond S
Topic: 2952 Message: 2957

Good morning everyone, Just shaking the bushes to see if anyone had a fairly decent GRC-165 / RF-301 that they would be willing to sell.

Thanks,Ray

2958. RF-1110B

Yahoo group: harris-radio
Date: 2016-05-20 22:02:31 UTC
From: W2HX
Topic: 2958 Message: 2958

Hi folks,

I just ran across an RF-1110B amp, power supply, power supply filter, and a combiner made by "CNR, Inc."

Does ANYONE know anything about these? It looks like an interesting project, but there are dip switch settings that might be impossible to guess on how to set them. The amp appears to have two independent 500W sections that need combining by this CNR Inc. product.

Does ANY documentation exist on these?
Please contact me if you know anything about these as I will have to make a purchase decisions tomorrow.

Pictures are here:
http://w2hx.com/x/Harris/RF-1110B/

thanks
Eugene W2HX

2959. RE: RF-1110B

Yahoo group: harris-radio
Date: 2016-05-21 01:29:45 UTC
From: W2HX
Topic: 2958 Message: 2959

Sorry for the bad link. Don't know how that happened. Here's the right link
http://w2hx.com/x/Harris/RF-1110B/

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, May 20, 2016 6:03 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-1110B

Hi folks,

I just ran across an RF-1110B amp, power supply, power supply filter, and a combiner made by "CNR, Inc."

Does ANYONE know anything about these? It looks like an interesting project, but there are dip switch settings that might be impossible to guess on how to set them. The amp appears to have two independent 500W sections that need combining by this CNR Inc. product.

Does ANY documentation exist on these?
Please contact me if you know anything about these as I will have to make a purchase decisions tomorrow.

Pictures are here:
http://w2hx.com/x/Harris/RF-1110B/<http://w2hx.com/x/!%20Harris/RF-1110B/>

thanks
Eugene W2HX

[Non-text portions of this message have been removed]

2960. Re: [harris-radio] RF-1110B

Yahoo group: harris-radio
Date: 2016-05-23 13:13:05 UTC
From: Joel Liburd...(v44kai)
Topic: 2958 Message: 2960

Hi folks,

Is Roger Waldmiller still around?, I am trying to get in touch with him, anyone have an email address for him?

v44kai.....Joel..

On Fri, May 20, 2016 at 6:02 PM, W2HX w2hx@... [harris-radio] <harris-radio@yahoogroups.com> wrote:

>
> Hi folks,
>
>
> I just ran across an RF-1110B amp, power supply, power supply filter, and
> a combiner made by “CNR, Inc.”
>
>
> Does ANYONE know anything about these? It looks like an interesting
> project, but there are dip switch settings that might be impossible to
> guess on how to set them. The amp appears to have two independent 500W
> sections that need combining by this CNR Inc. product.
>
>
> Does ANY documentation exist on these?
>
> Please contact me if you know anything about these as I will have to make
> a purchase decisions tomorrow.
>
>
> Pictures are here:
>
> http://w2hx.com/x/Harris/RF-1110B/
>
>
> thanks
>
> Eugene W2HX
>
>

>
>
>

--
Trevor J. Liburd (N.T.R.C. St. Kitts/Nevis)

v44kai.....Joel.

2962. PRC-138 Fuse2 blowing when powering ON, NO SELF TEST

Yahoo group: harris-radio
Date: 2016-05-24 20:18:33 UTC
From: <paul.kadair@...>
Topic: 2962 Message: 2962

Hello Gentlemen,

I was just referred to your group via Mark Phipps at Harris Defense. I've been scratching my head for a little over a month now with regard to one of our PRC-138 Tactical Radios. It keeps blowing the F2 2.5A Fuse every time it's powered on. No display, no self-test, nothing. But every time I power it ON the F2 fuse blows and is open via continuity check. If anyone has ANY ideas, I would be grateful. If anyone has a schematic I would be blessed. Thank you in advance everyone.

Respectfully,Paul

2963. RE: [harris-radio] PRC-138 Fuse2 blowing when powering ON, NO SELF TEST

Yahoo group: harris-radio
Date: 2016-05-24 20:36:56 UTC
From: W2HX
Topic: 2962 Message: 2963

Get yourself a bunch of fuses (maybe even lower than 2.5A, perhaps 1A). Then one by one, pull out each card and power up the radio. Once the radio powers up without blowing the fuse you will find which card is the culprit. Then go from there. Good luck
Eugene

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, May 24, 2016 4:19 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] PRC-138 Fuse2 blowing when powering ON, NO SELF TEST

Hello Gentlemen,

I was just referred to your group via Mark Phipps at Harris Defense. I've been scratching my head for a little over a month now with regard to one of our PRC-138 Tactical Radios. It keeps blowing the F2 2.5A Fuse every time it's powered on. No display, no self-test, nothing. But every time I power it ON the F2 fuse blows and is open via continuity check. If anyone has ANY ideas, I would be grateful. If anyone has a schematic I would be blessed. Thank you in advance everyone.

Respectfully,
Paul

2964. Re: [harris-radio] PRC-138 Fuse2 blowing when powering ON, NO SELF TEST

Yahoo group: harris-radio
Date: 2016-05-24 20:43:32 UTC
From: Peter Gottlieb
Topic: 2962 Message: 2964

If there's no mechanical damage look for a shorted tantalum capacitor or protection diode, neither of which require a schematic to find for a decent service tech.

Peter

> On May 24, 2016, at 4:18 PM, paul.kadair@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Hello Gentlemen,
>
>
> I was just referred to your group via Mark Phipps at Harris Defense. I've been scratching my head for a little over a month now with regard to one of our PRC-138 Tactical Radios. It keeps blowing the F2 2.5A Fuse every time it's powered on. No display, no self-test, nothing. But every time I power it ON the F2 fuse blows and is open via continuity check. If anyone has ANY ideas, I would be grateful. If anyone has a schematic I would be blessed. Thank you in advance everyone.
>
>
> Respectfully,
> Paul
>
>

2965. WTB: RF-301

Yahoo group: harris-radio
Date: 2016-05-24 22:00:04 UTC
From: Raymond S
Topic: 2962 Message: 2965

Good afternoon everyone, Does anyone have a RF-301 in fairly decent shape that would consider selling?

Thanks much,Ray

2966. Re: [harris-radio] WTB: RF-301

Yahoo group: harris-radio
Date: 2016-05-24 22:32:36 UTC
From: Meir WF2U
Topic: 2962 Message: 2966

Hi Ray,

I just bought an RF-301A about 4 weeks ago from Fair Radio. They have more in stock. They look used, the exterior is not museum quality, but not really bad. They basically work but need some maintenance, just like mine. It's still not a bad deal for the price, considering they have a supply of assorted spare boards and parts.

73, Meir WF2U
Landrum, SC

On May 24, 2016 6:00:04 PM EDT, "Raymond S compcar59@... [harris-radio]"
<harris-radio@yahoogroups.com> wrote:
>Good afternoon everyone, Does anyone have a RF-301 in fairly
>decent shape that would consider selling?
>
>Thanks much,Ray

--
Sent from my Android device with K-9 Mail. Please excuse my brevity.

2967. Re: [harris-radio] PRC-138 Fuse2 blowing when powering ON, NO SELF TEST

Yahoo group: harris-radio
Date: 2016-05-24 22:59:02 UTC
From: <ed.leavitt@...>
Topic: 2962 Message: 2967

Wild guess based on a Motorola URC-101 I brought back to life years ago....

I measured a dead short across the radio's pins that connected to the battery box. After exploring the wiring harness I backtracked and discovered a rather well hidden diode I had overlooked that was across the input leads on the chassis side of the fuse assembly. It was there as reverse polarity prevention. My hunch is that it had been hit one time too many with the wrong polarity and very possibly after some dufus might have put in a significantly larger value cartridge fuse. Either way the diode had died-shorted rather than more likely died-open condition. I replaced the 17? diode and the $17,000 (acquisition price) radio suddenly worked again. Ironic, since it had been washed out as unrepairable by someone who supposedly knew what they were doing, unlike myself.

****
Edmund Leavitt
K7EFL / AFA0AH USNG: 10TET36292223
****

On Tue, 24 May 2016 20:18:33 +0000 (UTC) "paul.kadair@... [harris-radio]" <harris-radio@yahoogroups.com> writes:

Hello Gentlemen,

I was just referred to your group via Mark Phipps at Harris Defense. I've been scratching my head for a little over a month now with regard to one of our PRC-138 Tactical Radios. It keeps blowing the F2 2.5A Fuse every time it's powered on. No display, no self-test, nothing. But every time I power it ON the F2 fuse blows and is open via continuity check. If anyone has ANY ideas, I would be grateful. If anyone has a schematic I would be blessed. Thank you in advance everyone.

2968. Re: [harris-radio] PRC-138 Fuse2 blowing when powering ON, NO SELF TEST

Yahoo group: harris-radio
Date: 2016-05-25 01:43:11 UTC
From: roger
Topic: 2962 Message: 2968

Hi Paul;
I would go along with W2Hx suggested ...bunch of fuses and pull bds.
The radio might not power up with some bds not installed but you find the one that does not blow the fuse.
I suspect it is A7 the power supply module.
I do have some manual info .... contact direct.

Roger
K4alphapapa(harris-yahoo ID)
waldrgr@...
Rochester NY
3200 3201 3230 2000
138 5000 short range

From: mailto:harris-radio@yahoogroups.com
Sent: Tuesday, May 24, 2016 4:18 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] PRC-138 Fuse2 blowing when powering ON, NO SELF TEST

Hello Gentlemen,

I was just referred to your group via Mark Phipps at Harris Defense. I've been scratching my head for a little over a month now with regard to one of our PRC-138 Tactical Radios. It keeps blowing the F2 2.5A Fuse every time it's powered on. No display, no self-test, nothing. But every time I power it ON the F2 fuse blows and is open via continuity check. If anyone has ANY ideas, I would be grateful. If anyone has a schematic I would be blessed. Thank you in advance everyone.

Respectfully,
Paul

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https://www.avast.com/antivirus

2969. RE: [harris-radio] PRC-138 Fuse2 blowing when powering ON, NO SELF TEST

Yahoo group: harris-radio
Date: 2016-05-25 05:37:30 UTC
From: Dr Fred Hambrecht
Topic: 2962 Message: 2969

Any reason you wouldn’t use a 28 volt lightbulb in place of the fuse? Full brightness indicates a short. Remove boards, when the one with the short is removed the brightness will decrease.

v/r

Fred W4JLE

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, May 24, 2016 21:43
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] PRC-138 Fuse2 blowing when powering ON, NO SELF TEST

Hi Paul;

I would go along with W2Hx suggested ...bunch of fuses and pull bds.

The radio might not power up with some bds not installed but you find the one that does not blow the fuse.

I suspect it is A7 the power supply module.

I do have some manual info .... contact direct.

Roger
K4alphapapa(harris-yahoo ID)
waldrgr@... <mailto:waldrgr@....com>
Rochester NY
3200 3201 3230 2000
138 5000 short range

From: mailto:harris-radio@yahoogroups.com

Sent: Tuesday, May 24, 2016 4:18 PM

To: harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>

Subject: [harris-radio] PRC-138 Fuse2 blowing when powering ON, NO SELF TEST

Hello Gentlemen,

I was just referred to your group via Mark Phipps at Harris Defense. I've been scratching my head for a little over a month now with regard to one of our PRC-138 Tactical Radios. It keeps blowing the F2 2.5A Fuse every time it's powered on. No display, no self-test, nothing. But every time I power it ON the F2 fuse blows and is open via continuity check. If anyone has ANY ideas, I would be grateful. If anyone has a schematic I would be blessed. Thank you in advance everyone.

Respectfully,

Paul

<https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=icon>

Virus-free. <https://www.avast.com/sig-email?utm_medium=email&utm_source=link&utm_campaign=sig-email&utm_content=emailclient&utm_term=link> www.avast.com

2970. Wanted RF-350K rack handles etc.

Yahoo group: harris-radio
Date: 2016-05-26 15:01:47 UTC
From: N4BE_Jim@yahoo.com
Topic: 2970 Message: 2970

Greetings all. I need a pair of the black rack handles for the RF-350 Transceiver. Also need the heavy aluminum bar that runs side to side at the top rear of the radio. Any help would be appreciated. Thanks

Jim N4BE

Sent from my iPad

2971. RE: [harris-radio] Re: RF-383VM-01 orientation?

Yahoo group: harris-radio
Date: 2016-05-26 21:35:34 UTC
From: titus3738@...
Topic: 2685 Message: 2971

Eugene What do you have on the left side of your truck, a mast or an antenna?

BTW that is a nice setup (the truck and all), I wish we could get them in USA;
CA doesn't allow those to come in anymore. I see tons of those guys importing them in FL and GA but they are not honest and most have hidden issues. Crooks...

Z

2972. RE: RF-1110B

Yahoo group: harris-radio
Date: 2016-05-28 02:26:30 UTC
From: W2HX
Topic: 2958 Message: 2972

Hi again, I took some more pictures of the 1110B in case anyone was interested. They can be seen here:
http://w2hx.com/x/Harris/RF-1110B/AMP/0527161841.jpg

lots of pictures
http://w2hx.com/x/Harris/RF-1110B/AMP/
http://w2hx.com/x/Harris/RF-1110B/CNR%20Combiner/
http://w2hx.com/x/Harris/RF-1110B/PS/

A few things of interest. It appears the amp has two totally independent 500W sections. With two exciter inputs (A and B) and two amp outputs (B and B). Front panel allows you to monitor each section separately only.

If you look at the "CNR Combiner" it is also interesting. It has one harris part which is "2 X 1KW RF COMBINER" Part number "10255-1300" anyone have a look up for this?
This combiner has a connection called "WASTER LOAD" which connects to a healthy sized dummy load. Could someone describe how this waster load is used? Could it be something like if the phase of the two signals being combined is not in sync that somehow it dumps out to this one?

The combined has a few other modules inside. Some of which I may be able to deduce their function and others not. Looking at this picture for reference:
http://w2hx.com/x/Harris/RF-1110B/CNR%20Combiner/0527161805b.jpg

In the top half, the "J12" module is the harris combiner with fan. To its right you can see the black dummy load.
In the bottom half, the left-most box might be a TR relay switch. Insides can be seen here:
http://w2hx.com/x/Harris/RF-1110B/CNR%20Combiner/0527161842a.jpg

The next gray box is a mystery to me. It has some ducting to allow some of the air passing through the combiner to be redirected into it (triangle shaped baffles). No idea what this is.
http://w2hx.com/x/Harris/RF-1110B/CNR%20Combiner/0527161805d.jpg
http://w2hx.com/x/Harris/RF-1110B/CNR%20Combiner/0527161807.jpg

The last small die cast looking box, I believe to be the splitter for a single exciter. Allowing one exciter to supply RF to both inputs to the amp. Interestingly, I wonder if this means that each section requires only 50mW to create 500W? Usually the RF-110A required 100mW input but if this is being split each input would only get 50mW. Makes sense, I guess! Here is a picture of the insides:
http://w2hx.com/x/Harris/RF-1110B/CNR%20Combiner/0527161852a.jpg

There are lots of other interesting pictures you can peruse. But some of the connectors and labels.
http://w2hx.com/x/Harris/RF-1110B/AMP/0527161813.jpg
http://w2hx.com/x/Harris/RF-1110B/AMP/0527161813a.jpg
http://w2hx.com/x/Harris/RF-1110B/AMP/0527161813b.jpg

http://w2hx.com/x/Harris/RF-1110B/AMP/0527161813c.jpg

anyone have any idea what "J5 MONITOR" might be for?
http://w2hx.com/x/Harris/RF-1110B/AMP/0527161816a.jpg

Again, anyone with any information on any of this would be much appreciated. I suspect RF-wise, I can figure this amp out. But it is probably almost identical to any other MOSFET versions of this amp. So if anyone has any documentation on the MOSFET versions, I would appreciate it.

Of course, the real question is how to control this. Is it serial? Is it parallel same as the RF-110? Any info appreciate. Thanks

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Friday, May 20, 2016 6:03 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-1110B

Hi folks,

I just ran across an RF-1110B amp, power supply, power supply filter, and a combiner made by "CNR, Inc."

Does ANYONE know anything about these? It looks like an interesting project, but there are dip switch settings that might be impossible to guess on how to set them. The amp appears to have two independent 500W sections that need combining by this CNR Inc. product.

Does ANY documentation exist on these?
Please contact me if you know anything about these as I will have to make a purchase decisions tomorrow.

Pictures are here:
http://w2hx.com/x/Harris/RF-1110B/

thanks
Eugene W2HX

2973. HARRIS RF 601 ANTENNA TUNER

Yahoo group: harris-radio
Date: 2016-05-29 19:16:04 UTC
From: wd4luq@...
Topic: 2973 Message: 2973

I have listed a harris rf 601 on both qth and qrz.

2974. Re: PRC-138 Fuse2 blowing when powering ON, NO SELF TEST

Yahoo group: harris-radio
Date: 2016-06-01 16:43:28 UTC
From: kc5ijd@...
Topic: 2962 Message: 2974

Just wanted to check with you and see how you are coming with your fuse blowing problem.

I have one mostly operating PRC-138 and am interested in the results of your testing (the tuner module needs repair, but I am bypassing it and feeding a Harris 125W amp).

Troubleshooting these sets can be most interesting.

KC5IJD

2975. RF-5030PA-20E and RF-5032PA-125, CABLES NEEDED!

Yahoo group: harris-radio
Date: 2016-06-16 09:09:31 UTC
From: dr.boost@...
Topic: 2975 Message: 2975

Hi Group!

Since a little while back, I have been in the possession of a RF-5022R/T(E) and quite recently I acquired two PA's, RF-5030PA-20E and RF-5032PA-125.
What I need now is the control cable between R/T and PA and Power Supply cable to the PA's.
A hand set could of course be "practical" to have too...
Manual for the RF-5030PA-20E would have been nice, any chance that there is one out there, as a file of hardcopy?
Anyway, I hope that there is someone with in the group that can help me, so I can get this rig on the air!

Any other wisdom I need regarding this subject?

Regards & 73!
/Morgan, SM6OID

2976. Re: [harris-radio] RF-5030PA-20E and RF-5032PA-125, CABLES NEEDED!

Yahoo group: harris-radio
Date: 2016-06-16 13:00:01 UTC
From: roger
Topic: 2975 Message: 2976

Hello Morgan SM6OID
Contact me by direct E mail.
I have some cable numbers and wiring for these cables with connector info.

Regards
Roger
K4alphapapa(harris-yahoo ID)
waldrgr@...
Rochester NY
3200 3201 3230 2000
138 5000 short range

From: mailto:harris-radio@yahoogroups.com
Sent: Thursday, June 16, 2016 5:09 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-5030PA-20E and RF-5032PA-125, CABLES NEEDED!

Hi Group!

Since a little while back, I have been in the possession of a RF-5022R/T(E) and quite recently I acquired two PA's, RF-5030PA-20E and RF-5032PA-125.

What I need now is the control cable between R/T and PA and Power Supply cable to the PA's.

A hand set could of course be "practical" to have too...

Manual for the RF-5030PA-20E would have been nice, any chance that there is one out there, as a file of hardcopy?

Anyway, I hope that there is someone with in the group that can help me, so I can get this rig on the air!

Any other wisdom I need regarding this subject?

Regards & 73!

/Morgan, SM6OID

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https://www.avast.com/antivirus

2977. Re: FS VERY RARE HARRIS RF-5030PA/CU-20

Yahoo group: harris-radio
Date: 2016-06-22 02:35:25 UTC
From: titus3738@...
Topic: 2829 Message: 2977

Mike Can you post the schematics as I like to get it wired up?
Thx
Z

2978. Re: HARRIS AMPLIFIED SPEAKER

Yahoo group: harris-radio
Date: 2016-06-22 21:25:23 UTC
From: strandbiker1@...
Topic: 1330 Message: 2978

Thank you for this information. I am interested in finding a cable that will work from the RF 5980 power connector to a standard 590 battery socket? Any ideas?

TIA

Skip, KD6JA

2979. Re: [harris-radio] Re: HARRIS AMPLIFIED SPEAKER

Yahoo group: harris-radio
Date: 2016-06-23 18:04:23 UTC
From: Brooke Clarke
Topic: 1330 Message: 2979

Hi Skip:

Are you talking about a cable to plug (male pins) into a BB-5590 battery or a cable that plugs onto the bottom of a
radio female sockets)?
http://www.prc68.com/P/BA5590Plug.html
This was an idea for a new product, but there was not much interest.

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
The lesser of evils is still evil.

-------- Original Message --------
>
>
> Thank you for this information. I am interested in finding a cable that will work from the RF 5980 power connector to
> a standard 590 battery socket? Any ideas?
>
> TIA
>
> Skip, KD6JA
>
>
>

2980. options

Yahoo group: harris-radio
Date: 2016-06-28 10:50:03 UTC
From: Alan Morriss
Topic: 2980 Message: 2980

hello , can someone tell me what options are available for the RF3200 ? i would like to fit what i can while the boards are available. alan G4GEN

2981. Re: [harris-radio] options

Yahoo group: harris-radio
Date: 2016-06-28 12:04:46 UTC
From: Peter Hamilton
Topic: 2980 Message: 2981

From memory:

- Remote control board (the only option fitted in mine)

- ALE board

- Noise blanker module, which I've been looking for without success for a while. (Would exchange for the remote control board)

- Autocoupler interface

- PIN diode T/R switch option

- Data and CW filters.

Have I missed any?

I too would be interested in collecting a few option boards, but I get the impression they're quite rare and most RF3200s were supplied in the "bare bones" configuration.

--

Peter (G4VLC)

On 28 June 2016 at 11:50, Alan Morriss mohawk@... [harris-radio] <harris-radio@yahoogroups.com> wrote:

>
>
> hello , can someone tell me what options are available for the RF3200 ? i
> would like to fit what i can while the boards are available. alan G4GEN
>
>

2982. Re: [harris-radio] options

Yahoo group: harris-radio
Date: 2016-06-28 18:57:16 UTC
From: Brooke Clarke
Topic: 2980 Message: 2982

Hi Alan:

There's some info at:
http://www.prc68.com/I/RF3200ET.shtml

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
The lesser of evils is still evil.

-------- Original Message --------
> hello , can someone tell me what options are available for the RF3200 ? i would like to fit what i can while the boards are available. alan G4GEN
>
> ------------------------------------
> Posted by: Alan Morriss <mohawk@...>
> ------------------------------------
>
> This Group Brought to you by 2mypc
>
> Are you with an ISP that gives you a dynamic IP?
> Do you need a domain name and don't want to pay a lot for it?
> Does your IP change every day or even every hour? and you need a way to get to you PC from outside your home or business?
>
> www.2mypc.net
> ------------------------------------
>
> Yahoo Groups Links
>
>
>
>

2983. RT-138 (RT-1694)

Yahoo group: harris-radio
Date: 2016-06-28 20:43:10 UTC
From: Stuartjmckinnon@...
Topic: 2983 Message: 2983

Hi Group

I was very lucky a month or so ago, obtaining a CW leg key for this kit, can anyone tell me if there was a Headset/Boom mike that was issued with this set, I cant believe that the soldier only got a telephone handset?

Any info useful where to find etc

Cheers

Stuart
G0TBI

2984. RE: [harris-radio] RT-138 (RT-1694)

Yahoo group: harris-radio
Date: 2016-06-28 21:02:32 UTC
From: Richard Johnson
Topic: 2983 Message: 2984

We dont get issued headsets or boom mikes at all. Just an h250.
Most of the time the cw key gets tossed in some junk drawer insupply as no one wants to have to check it out since nobody knows or uses cw any more.
Regards all
Rich Johnson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Tue, 28 Jun 2016 13:43:10 -0700
Subject: [harris-radio] RT-138 (RT-1694)

Hi Group

I was very lucky a month or so ago, obtaining a CW leg key for this kit, can anyone tell me if there was a Headset/Boom mike that was issued with this set, I cant believe that the soldier only got a telephone handset?

Any info useful where to find etc

Cheers

Stuart
G0TBI

2985. query

Yahoo group: harris-radio
Date: 2016-06-30 21:39:04 UTC
From: Alan Morriss
Topic: 2985 Message: 2985

hello , what is the type of linear amplifier design by harris for the RF3200 ? alan G4GEN

2986. Re: query

Yahoo group: harris-radio
Date: 2016-07-02 01:31:11 UTC
From: steve@...
Topic: 2985 Message: 2986

It was the RF-3230

73
Steve KD2OM

2987. rf-1110

Yahoo group: harris-radio
Date: 2016-07-14 15:45:41 UTC
From: vk5abc@...
Topic: 2987 Message: 2987

Hello All

Anyone know what connector is used on J1 on the back of the amplifier is and J2 on the power supply
and where I can buy one.

73's Lee

2988. RF-5022

Yahoo group: harris-radio
Date: 2016-07-18 06:08:08 UTC
From: sascha.meuser@...
Topic: 2988 Message: 2988

Good morning community.

I am looking for all possible documentation and software for a RF-5022 radio.
Is there anybody out here who could help me?

Thank you very much.

Sascha

2989. SV: [harris-radio] RF-5022

Yahoo group: harris-radio
Date: 2016-07-18 07:19:44 UTC
From: Dr Boost
Topic: 2988 Message: 2989

Good Day Sascha!

It’s 09:13 in the morning here in Sweden…

Anyway, I also have got a RF-5022R/T(E), missing the handset keeps me off the air…

Well, I believe an operators manual can be found on the net, if not, let me know.

Regarding controlling the R/T remote, I do not know much of value, I’m trying to learn.

Do you have the stuff like PA etc?

Regards & 73!

Morgan, SM6OID

Från: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Skickat: den 18 juli 2016 08:08
Till: harris-radio@yahoogroups.com
Ämne: [harris-radio] RF-5022

Good morning community.

I am looking for all possible documentation and software for a RF-5022 radio.

Is there anybody out here who could help me?

Thank you very much.

Sascha

2990. Re: RF-5022

Yahoo group: harris-radio
Date: 2016-07-18 07:26:14 UTC
From: sascha.meuser@...
Topic: 2988 Message: 2990

Good morning Morgan and greetings to Sweden.

Thank you for your message.
Unfortunately I cannot find any available manual online. My searches direct me in a lot of case to some suspicious sites where I do not want to download from. If you have a copy I really would appreciate it.

Thanks

Sascha

2991. SV: [harris-radio] Re: RF-5022

Yahoo group: harris-radio
Date: 2016-07-18 07:45:58 UTC
From: Dr Boost
Topic: 2988 Message: 2991

Sascha, give it a day or two and the “problem” is solved.

73!

/Morgan

Från: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Skickat: den 18 juli 2016 09:26
Till: harris-radio@yahoogroups.com
Ämne: [harris-radio] Re: RF-5022

Good morning Morgan and greetings to Sweden.

Thank you for your message.

Unfortunately I cannot find any available manual online. My searches direct me in a lot of case to some suspicious sites where I do not want to download from. If you have a copy I really would appreciate it.

Thanks

Sascha

2992. Re: RF-5022

Yahoo group: harris-radio
Date: 2016-07-18 07:54:33 UTC
From: sascha.meuser@...
Topic: 2988 Message: 2992

Cheers!

Sascha

2993. SV: [harris-radio] Re: RF-5022

Yahoo group: harris-radio
Date: 2016-07-19 20:11:08 UTC
From: Dr Boost
Topic: 2988 Message: 2993

Hi Sascha and Group!

The document I've got is about 30 meg, and I cannot be uploaded due to the 10 meg limit.

So, I have the problem, who has got the solution…?

/Morgan, SM6OID

Från: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Skickat: den 18 juli 2016 09:55
Till: harris-radio@yahoogroups.com
Ämne: [harris-radio] Re: RF-5022

Cheers!

Sascha

2994. Re: SV: [harris-radio] Re: RF-5022

Yahoo group: harris-radio
Date: 2016-07-19 23:05:04 UTC
From: steve@...
Topic: 2988 Message: 2994

Dr. Boost,

Put it on dropbox or something like it.

73
Steve KD2OM

2995. Re: SV: [harris-radio] Re: RF-5022

Yahoo group: harris-radio
Date: 2016-07-19 20:14:24 UTC
From: Peter Gottlieb
Topic: 2988 Message: 2995

Dropbox or similar.

Peter

> On Jul 19, 2016, at 4:11 PM, 'Dr Boost' dr.boost@... [harris-radio]
<harris-radio@yahoogroups.com> wrote:
>
> Hi Sascha and Group!
>
>
>
> The document I’ve got is about 30 meg, and I cannot be uploaded due to the 10 meg limit.
>
> So, I have the problem, who has got the solution…?
>
>
>
> /Morgan, SM6OID
>
>
>
> Från: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> Skickat: den 18 juli 2016 09:55
> Till: harris-radio@yahoogroups.com
> Ämne: [harris-radio] Re: RF-5022
>
>
>
>
>
> Cheers!
>
>
>
> Sascha
>
>
>

2996. RE: [harris-radio] Re: RF-5022

Yahoo group: harris-radio
Date: 2016-07-19 21:25:26 UTC
From: Dr Fred Hambrecht
Topic: 2988 Message: 2996

Use one of the free dropboxes.

v/r

Fred W4JLE

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, July 19, 2016 16:11
To: harris-radio@yahoogroups.com
Subject: SV: [harris-radio] Re: RF-5022

Hi Sascha and Group!

The document I've got is about 30 meg, and I cannot be uploaded due to the 10 meg limit.

So, I have the problem, who has got the solution…?

/Morgan, SM6OID

Från: harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
[mailto:harris-radio@yahoogroups.com]
Skickat: den 18 juli 2016 09:55
Till: harris-radio@yahoogroups.com <mailto:harris-radio@yahoogroups.com>
Ämne: [harris-radio] Re: RF-5022

Cheers!

Sascha

2997. RF-355 Amp Problem

Yahoo group: harris-radio
Date: 2016-07-20 02:46:20 UTC
From: jamey.wright@...
Topic: 2997 Message: 2997

I was using the amplifier and was operating on 80M . I made a big frequency change and needed to touch up the tuning on my external tuner. As I was doing so, the SWR jumped waaay up and the amp stopped outputting power. After doing some checking, it still outputs power on all of the other bands just not in the 3.5 - 4.0 MHz segment. The internal power meter shows zero output on 80M as well as an external meter. I am thinking contacts on the bandswitch but wanted some other input before tear into the amp.

Thanks

Jamey - WR4JW

2998. AN/URA-38A (RF-601A) Autocoupler

Yahoo group: harris-radio
Date: 2016-07-21 17:03:26 UTC
From: g-barry@...
Topic: 2998 Message: 2998

Good news. Yesterday 7/20/16 the overhauled autocoupler, installed on the Battleship Iowa in San Pedro, CA, was tested and functioned perfectly. The coupler is installed at the base of the aft, port 35-foot whip.
It tuned in less than 5-seconds when the AN/URT-23C transmitter was set to a 40 meter frequency, reset to a 20 meter frequency, and then to a 75/80 meter frequency.

Next the cover seal will be installed, than pressurized with air, and if no leaks, it well be purged with dry nitrogen and charged to a minimum of 5 PSI.

Thanks to the group members who provided information that assisted in ths restoration effort.

Gary
Lead, Radio Restoration
Battleship Iowa
W6GDB

2999. Re: [harris-radio] AN/URA-38A (RF-601A) Autocoupler

Yahoo group: harris-radio
Date: 2016-07-21 19:52:40 UTC
From: Brooke Clarke
Topic: 2998 Message: 2999

Hi Gary:

You might add the web page in your signature footer.
http://www.pacificbattleship.com/

PS San Pedro is a key location in the movie The Usual Suspects.

--
Have Fun,

Brooke Clarke
http://www.PRC68.com
http://www.end2partygovernment.com/2012Issues.html
The lesser of evils is still evil.

-------- Original Message --------
>
>
> Good news. Yesterday 7/20/16 the overhauled autocoupler, installed on the Battleship Iowa in San Pedro, CA, was tested
> and functioned perfectly. The coupler is installed at the base of the aft, port 35-foot whip.
>
> It tuned in less than 5-seconds when the AN/URT-23C transmitter was set to a 40 meter frequency, reset to a 20 meter
> frequency, and then to a 75/80 meter frequency.
>
>
> Next the cover seal will be installed, than pressurized with air, and if no leaks, it well be purged with dry nitrogen
> and charged to a minimum of 5 PSI.
>
> Thanks to the group members who provided information that assisted in ths restoration effort.
>
> Gary
> Lead, Radio Restoration
> Battleship Iowa
> W6GDB
>
>
>
>

3000. Re: [harris-radio] AN/URA-38A (RF-601A) Autocoupler

Yahoo group: harris-radio
Date: 2016-07-21 19:57:19 UTC
From: Stuart Mckinnon
Topic: 2998 Message: 3000

Gary and team excellent news for your group, any skeds pending, located UK

Stuart
G0TBI

Harris RF-138 or 5022 0r 5000 available but gents have still not tested my RF-382 yet, it's the original without the slide over catch that exposes 50 ohm skt, was there ever a mod for that option people ?

-----Original Message-----
From: g-barry@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Thu, 21 Jul 2016 19:01
Subject: [harris-radio] AN/URA-38A (RF-601A) Autocoupler

Good news. Yesterday 7/20/16 the overhauled autocoupler, installed on the Battleship Iowa in San Pedro, CA, was tested and functioned perfectly. The coupler is installed at the base of the aft, port 35-foot whip.
It tuned in less than 5-seconds when the AN/URT-23C transmitter was set to a 40 meter frequency, reset to a 20 meter frequency, and then to a 75/80 meter frequency.

Next the cover seal will be installed, than pressurized with air, and if no leaks, it well be purged with dry nitrogen and charged to a minimum of 5 PSI.

Thanks to the group members who provided information that assisted in ths restoration effort.

Gary
Lead, Radio Restoration
Battleship Iowa
W6GDB

3001. Re: AN/URA-38A (RF-601A) Autocoupler

Yahoo group: harris-radio
Date: 2016-07-21 21:52:37 UTC
From: g-barry@...
Topic: 2998 Message: 3001

Thanks, Stuart. We operated the legacy equipment using another antenna for Museum Ships Weekend, the first weekend of June. Nothing scheduled for now except that BIARA, the Battleship Iowa Amateur Radio Association operates SSB and CW most Wednesdays,call sign NI6BB. BIARA uses modern Ham gear installed in radio central.

Gary
Lead, Gray Radio Gang
Battleship Iowa BB61
W6GDB
Battleship IOWA|Museum Ship of the Year http://www.pacificbattleship.com/

http://www.pacificbattleship.com/

Battleship IOWA|Museum Ship of the Year http://www.pacificbattleship.com/ Battleship IOWA, the only battleship museum on the west coast and Los Angeles.

View on www.pacificbattleshi... http://www.pacificbattleship.com/
Preview by Yahoo

3002. Re: AN/URA-38A (RF-601A) Autocoupler

Yahoo group: harris-radio
Date: 2016-07-21 22:39:23 UTC
From: g-barry@...
Topic: 2998 Message: 3002

Good idea. Also we are known aboard ship as the Gray Radio Gang. Not because of our age, but the color of most all. of the comm gear.

Gary
Lead, Gray Radio Gang
Battleship Iowa BB61
W6GDB
Battleship IOWA|Museum Ship of the Year http://www.pacificbattleship.com/

http://www.pacificbattleship.com/

Battleship IOWA|Museum Ship of the Year http://www.pacificbattleship.com/ Battleship IOWA, the only battleship museum on the west coast and Los Angeles.

View on www.pacificbattleshi... http://www.pacificbattleship.com/
Preview by Yahoo

3003. RE: [harris-radio] Re: AN/URA-38A (RF-601A) Autocoupler

Yahoo group: harris-radio
Date: 2016-07-21 23:45:12 UTC
From: Dr Fred Hambrecht
Topic: 2998 Message: 3003

As a young sailor just assigned to a destroyer escort in the 50’s we rendered honors to the Iowa and Wisconsin. They were the most majestic ships I had ever seen. The silhouette setting low in the water and the 16” guns had to shake any enemy to their soul.

Hello from the Museum Ship USS Yorktown CiV10 we have activated their original call sign for use during the Armed Forces Crossband Test and a MARS call of AAR4CV10

v/r

Fred W4JLE

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, July 21, 2016 18:39
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: AN/URA-38A (RF-601A) Autocoupler

Good idea. Also we are known aboard ship as the Gray Radio Gang. Not because of our age, but the color of most all. of the comm gear.

Gary
Lead, Gray Radio Gang
Battleship Iowa BB61
W6GDB
Battleship IOWA|Museum Ship of the Year <http://www.pacificbattleship.com/>

<http://www.pacificbattleship.com/>

<http://www.pacificbattleship.com/> Battleship IOWA|Museum Ship of the Year

Battleship IOWA, the only battleship museum on the west coast and Los Angeles.

<http://www.pacificbattleship.com/> View on www.pacificbattleshi...

Preview by Yahoo

3004. WTB RF-382A

Yahoo group: harris-radio
Date: 2016-07-22 15:57:31 UTC
From: sierrahoteldog@...
Topic: 3004 Message: 3004

Hello! I'm new to the group. I have a pretty large project here in Alaska and need a RF-382A any body wanna part with one?

73 de AL7PI

Pete

3005. Re: RF-5022

Yahoo group: harris-radio
Date: 2016-07-26 12:08:11 UTC
From: sascha.meuser@...
Topic: 2988 Message: 3005

Hello Morgan,

Thank you for that awesome job you did. I downloaded the operator manual from the dropbox. First thing done! Now I am still looking for the programming application to program the radio by using my laptop.

You wanted to know more about my RF-5022 interests.
Easy said I need it for my job. I am a radio technician working for NATO in the Netherlands and I have a couple of RF-5022's I need to service check. Unfortunately I am also not a radio amateur and I have to apologize if I do not reply with any codes like 73 because I have no idea what they mean :-)
But I still hope that this is okay for you!

Sascha

3006. RF 5022 RT Manual

Yahoo group: harris-radio
Date: 2016-08-01 15:02:27 UTC
From: i3ldsari@...
Topic: 3006 Message: 3006

Hi Morgan
I have a RF5022 and I am looking for the manual.Could you pse help me uploading the manual on the Drop box and giving me the link for downloading it? Best 73 Lud I3LDS
i3ldsari at yahoo dot com

3007. Help needed on Harris RF 5710A modem

Yahoo group: harris-radio
Date: 2016-08-04 06:25:42 UTC
From: D. Emer
Topic: 3007 Message: 3007

I had a RF 5710A modem fail, won’t pass bite test and won’t do an internal loop test. Static spark when plugging it in to the radio seems to be the culprit . It transmits 110B ok but will not receive anything. The audio input is dead. I need a schematic and parts list or best yet a service manual. Anyone know of a repair shop have one for sale?

Dud KK7IF

3008. Re: Help needed on Harris RF 5710A modem

Yahoo group: harris-radio
Date: 2016-08-07 18:05:54 UTC
From: steve@...
Topic: 3007 Message: 3008

I know it may sound ridiculous but contact Harris Product service. I am not sure if they still support the modem, but am pretty sure the evaluation fee isn't excessive. Tell them you are in MARS.

Steve KD2OM

3009. Re: [harris-radio] Help needed on Harris RF 5710A modem

Yahoo group: harris-radio
Date: 2016-08-10 17:56:15 UTC
From: N2CKH
Topic: 3007 Message: 3009

Hi Dud,

I had this with my RF5710 and disconnected it
from everything and let it sit for a few weeks
and all was well when reconnected and powered on.
Since then I always make sure the unit is not
plugged into the A.C. when changing connections
between radios, the A.C. plug is now always the
last connection. I hope you are as lucky.

/s/ Steve

At 02:25 AM 8/4/2016, you wrote:
>
>
>I had a RF 5710A modem fail, wonâ□□t pass bite
>test and wonâ□□t do an internal loop test.
>Static spark when plugging it in to the radio
>seems to be the culprit . It transmits 110B ok
>but will not receive anything. The audio input
>is dead. I need a schematic and parts list or
>best yet a service manual. Anyone know of a repair shop have one for sale?
>
>Dud KK7IF Â
>

3010. RE: [harris-radio] Re: Help needed on Harris RF 5710A modem

Yahoo group: harris-radio
Date: 2016-08-10 17:58:10 UTC
From: D. Emer
Topic: 3007 Message: 3010

Thanks Steve, I'll give them a call

Dud

KK7IF

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Sunday, August 07, 2016 11:06 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Help needed on Harris RF 5710A modem

I know it may sound ridiculous but contact Harris Product service. I am not sure if they still support the modem, but am pretty sure the evaluation fee isn't excessive. Tell them you are in MARS.

Steve KD2OM

3011. Re: [harris-radio] Re: Help needed on Harris RF 5710A modem

Yahoo group: harris-radio
Date: 2016-08-11 08:03:53 UTC
From: Alan Morriss
Topic: 3007 Message: 3011

hello , not ridiculous at all. i found an RF601 auto coupler unused and in original packing in a scrap dealers. i filled in the guarantee card for fun , and sent it to harris. they were most helpful , and supplied me with spare bulbs for free. alan G4GEN
On 7 Aug 2016, at 19:05, steve@... [harris-radio] wrote:
'
> I know it may sound ridiculous but contact Harris Product service. I am not sure if they still support the modem, but am pretty sure the evaluation fee isn't excessive. Tell them you are in MARS.
>
> Steve KD2OM
>
>

3012. Re: [harris-radio] RT-138 (RT-1694)

Yahoo group: harris-radio
Date: 2016-08-20 22:27:02 UTC
From: Michael P Murphy
Topic: 2983 Message: 3012

modify a H-161 to single connector to work with packsets

On Tuesday, June 28, 2016 2:02 PM, "Richard Johnson killroy321@... [harris-radio]" <harris-radio@yahoogroups.com> wrote:

  We dont get issued headsets or boom mikes at all. Just an h250.
Most of the time the cw key gets tossed in some junk drawer insupply as no one wants to have to check it out since nobody knows or uses cw any more.
Regards all
Rich Johnson

To: harris-radio@yahoogroups.com
From: harris-radio@yahoogroups.com
Date: Tue, 28 Jun 2016 13:43:10 -0700
Subject: [harris-radio] RT-138 (RT-1694)

  Hi Group

I was very lucky a month or so ago, obtaining a CW leg key for this kit, can anyone tell me if there was a Headset/Boom mike that was issued with this set, I cant believe that the soldier only got a telephone handset?

Any info useful where to find etc

Cheers

Stuart
G0TBI

3013. SMB cables in RF-350K

Yahoo group: harris-radio
Date: 2016-09-03 15:45:38 UTC
From: dsmaples@...
Topic: 3013 Message: 3013

All: I am having to replace two damaged SMB-SMB cables in an RF-350. I don't think I can replace the damaged SMB connectors.

Is the cable RG-316 single-shield or double-shield?

I believe these are SMB right-angle female connectors. Is this correct?

Thanks to all.

3014. Re: [harris-radio] SMB cables in RF-350K

Yahoo group: harris-radio
Date: 2016-09-03 16:06:45 UTC
From: Ken Fowler
Topic: 3013 Message: 3014

The RG-316 is single-shield. The connectors are
available but you might need a crimping tool for
the shield. On the right angle connectors, there
is a hole to solder the center connector. Very small opening.

I had some SMB cables made by a Shenzhen company
www.rfsupplier.com . They were much cheaper than
buying a crimping tool and better quality than I
could do myself. Be sure that you specify the SMB
Female connectors for the cable. SMB can come in both male and female.

While you're at it, a BNC to SMB cable is nice to
have for troubleshooting and for adjusting the 10MHz Oscillator.

-ko6no-

At 08:45 9/3/2016, you wrote:
>
>
>All: I am having to replace two damaged SMB-SMB
>cables in an RF-350. I don't think I can replace the damaged SMB connectors.
>
>
>Is the cable RG-316 single-shield or double-shield?
>
>
>I believe these are SMB right-angle female connectors. Is this correct?
>
>
>Thanks to all.
>
>
>
>

3015. RF-382-02 Coupler

Yahoo group: harris-radio
Date: 2016-09-05 16:05:24 UTC
From: Stuart Mckinnon
Topic: 3015 Message: 3015

Hi Guys

I have a company standing by to make me a cable for my Coupler, I am sure I have the two plugs for either end, am I right in saying one end is 19 way, that from the Amplifier, and the coupler input is 14 way, is that correct, seems odd to me?

This company BTW makes cables for the current Bowman/GD systems for the UK mod, happened upon their details in a certain store recently.

I telephoned them and spoke would you believe to there MD, who was very sympathetic to my cause and I discovered as a bonus they are only 30 miles from our/A location.

So I am hopeful, will be able to produce a coupler cable around 30 feet, or would group members recommend 40 feet? It would be used at Home from the shack, and also in the field at outdoor events?

Stuart
G0TBI

I could do with confirmation of the two plug ends that I am sure I have somewhere in my large poly bag of Harris bits, one end must be a MS3106A20-27P, what is the other

3016. Re: [harris-radio] RF-382-02 Coupler

Yahoo group: harris-radio
Date: 2016-09-05 16:45:33 UTC
From: roger
Topic: 3015 Message: 3016

Hi Stuart:
Will this help

Attachment.....

Count the pins in PA J9 and Coupler J2

Roger
K4alphapapa(harris-yahoo ID)
waldrgr@...
Rochester NY
3200 3201 3230 2000
138 5000 short range

From: mailto:harris-radio@yahoogroups.com
Sent: Monday, September 05, 2016 12:05 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-382-02 Coupler

Hi Guys

I have a company standing by to make me a cable for my Coupler, I am sure I have the two plugs for either end, am I right in saying one end is 19 way, that from the Amplifier, and the coupler input is 14 way, is that correct, seems odd to me?

This company BTW makes cables for the current Bowman/GD systems for the UK mod, happened upon their details in a certain store recently.

I telephoned them and spoke would you believe to there MD, who was very sympathetic to my cause and I discovered as a bonus they are only 30 miles from our/A location.

So I am hopeful, will be able to produce a coupler cable around 30 feet, or would group members recommend 40 feet? It would be used at Home from the shack, and also in the field at outdoor events?

Stuart
G0TBI

I could do with confirmation of the two plug ends that I am sure I have somewhere in my large poly bag of Harris bits, one end must be a MS3106A20-27P, what is the other

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

[Non-text portions of this message have been removed]

3017. Re: [harris-radio] RF-382-02 Coupler

Yahoo group: harris-radio
Date: 2016-09-05 17:03:57 UTC
From: Stuart Mckinnon
Topic: 3015 Message: 3017

Roger

Am I missing something J9 is 19 way and the coupler is 14 way ?, No attachment BTW

Stuart
G0TBI

-----Original Message-----
From: 'roger' waldrgr@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Mon, 5 Sep 2016 17:45
Subject: Re: [harris-radio] RF-382-02 Coupler

Hi Stuart:
Will this help

Attachment.....

Count the pins in PA J9 and Coupler J2

Roger
K4alphapapa(harris-yahoo ID)
waldrgr@...
Rochester NY
3200 3201 3230 2000
138 5000 short range

From: mailto:harris-radio@yahoogroups.com
Sent: Monday, September 05, 2016 12:05 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-382-02 Coupler

Hi Guys

I have a company standing by to make me a cable for my Coupler, I am sure I have the two plugs for either end, am I right in saying one end is 19 way, that from the Amplifier, and the coupler input is 14 way, is that correct, seems odd to me?

This company BTW makes cables for the current Bowman/GD systems for the UK mod, happened upon their details in a certain store recently.

I telephoned them and spoke would you believe to there MD, who was very sympathetic to my cause and I discovered as a bonus they are only 30 miles from our/A location.

So I am hopeful, will be able to produce a coupler cable around 30 feet, or would group members recommend 40 feet? It would be used at Home from the shack, and also in the field at outdoor events?

Stuart
G0TBI

I could do with confirmation of the two plug ends that I am sure I have somewhere in my large poly bag of Harris bits, one end must be a MS3106A20-27P, what is the other

---
This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

[Non-text portions of this message have been removed]

3018. Remote control software

Yahoo group: harris-radio
Date: 2016-09-05 18:25:31 UTC
From: Hubert Peery
Topic: 3018 Message: 3018

I have a Harris 1446 and the LPF board went bad and put it aside and us the Kenwood. Decided to have the board repaired and in the meantime the computer was upgraded to win 10. Now that I have the board back and installed the software from (Dale Chidester NJ7C/AAR9WI)I was using to remote the 1446 doesn't work with win 10. IS there other software I can use with the win 10?

Regards

Hub W5GYX

3019. Re: [harris-radio] Remote control software

Yahoo group: harris-radio
Date: 2016-09-05 18:50:43 UTC
From: Ken Fowler
Topic: 3018 Message: 3019

Hello Hub,

My program, RT1446v0931, works on Windows 10.
It's quite different from Dale's program. We have
been using it at USS Hornet Museum for several
years. The only thing I can't get to work with
Windows 10 is the Help file but who needs that
anyway. You can download the program at
http://www.ko6no.com/web_page_000004.htm .

Let me know if you have any problems.

73. -ken-
ko6no@...

At 11:25 9/5/2016, you wrote:
>
>
>I have a Harris 1446 and the LPF board went bad
>and put it aside and us the Kenwood. Decided to
>have the board repaired and in the meantime the
>computer was upgraded to win 10. Now that I
>have the board back and installed the software
>from (Dale Chidester NJ7C/AAR9WI)I was using to
>remote the 1446 doesn☐t work with win 10. IS
>there other software I can use with the win 10?
>
>Regards
>
>Hub W5GYX
>
>
>

3020. RF-590 controlling a Harris transmitter?

Yahoo group: harris-radio
Date: 2016-09-05 19:21:36 UTC
From: rtm@...
Topic: 3020 Message: 3020

I have an RF-590. Is it possible to hook it up to a Harris transmitter of some type, so that the RF-590 controls the frequency for both?

Thanks,
Robert, AB1HL

3021. Re: [harris-radio] RF-382-02 Coupler

Yahoo group: harris-radio
Date: 2016-09-06 05:26:12 UTC
From: Richard Johnson
Topic: 3015 Message: 3021

Stuart, I would go with the standard US issue length of 100 feet for structure or field set up.

The 20ft ish lengths are for vehicles.

Do it once and make it long enogh.

Regards

Rich Johnson

KI6EZA

www.RichardSJohnson.net<http://www.richardsjohnson.net/>

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms"
Thomas Jefferson

From: harris-radio@yahoogroups.com <harris-radio@yahoogroups.com> on behalf of Stuart Mckinnon Stuartjmckinnon@... [harris-radio] <harris-radio@yahoogroups.com>
Sent: Monday, September 5, 2016 9:05 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-382-02 Coupler

Hi Guys

I have a company standing by to make me a cable for my Coupler, I am sure I have the two plugs for either end, am I right in saying one end is 19 way, that from the Amplifier, and the coupler input is 14 way, is that correct, seems odd to me?

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I telephoned them and spoke would you believe to there MD, who was very sympathetic to my cause and I discovered as a bonus they are only 30 miles from our/A location.

So I am hopeful, will be able to produce a coupler cable around 30 feet, or would group members recommend 40 feet? It would be used at Home from the shack, and also in the field at outdoor events?

Stuart
G0TBI

I could do with confirmation of the two plug ends that I am sure I have somewhere in my large poly bag of Harris bits, one end must be a MS3106A20-27P, what is the other

3022. Re: [harris-radio] RF-382-02 Coupler

Yahoo group: harris-radio
Date: 2016-09-06 06:28:41 UTC
From: Stuart Mckinnon
Topic: 3015 Message: 3022

Thanks for advice Rich

Stuart
G0TBI

-----Original Message-----
From: Richard Johnson killroy321@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Tue, 6 Sep 2016 6:26
Subject: Re: [harris-radio] RF-382-02 Coupler

Stuart, I would go with the standard US issue length of 100 feet for structure or field set up.
The 20ft ish lengths are for vehicles.
Do it once and make it long enogh.
Regards
Rich Johnson
KI6EZA

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms"
Thomas Jefferson

From: harris-radio@yahoogroups.com <harris-radio@yahoogroups.com> on behalf of Stuart Mckinnon Stuartjmckinnon@... [harris-radio] <harris-radio@yahoogroups.com>
Sent: Monday, September 5, 2016 9:05 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-382-02 Coupler

Hi Guys

I have a company standing by to make me a cable for my Coupler, I am sure I have the two plugs for either end, am I right in saying one end is 19 way, that from the Amplifier, and the coupler input is 14 way, is that correct, seems odd to me?

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I telephoned them and spoke would you believe to there MD, who was very sympathetic to my cause and I discovered as a bonus they are only 30 miles from our/A location.

So I am hopeful, will be able to produce a coupler cable around 30 feet, or would group members recommend 40 feet? It would be used at Home from the shack, and also in the field at outdoor events?

Stuart
G0TBI

I could do with confirmation of the two plug ends that I am sure I have somewhere in my large poly bag of Harris bits, one end must be a MS3106A20-27P, what is the other

3023. Micom radio to Harris RF-382A coupler Interface

Yahoo group: harris-radio
Date: 2016-09-12 02:18:29 UTC
From: Paul Katz
Topic: 3023 Message: 3023

I have developed an interface so that a Micom 2/3 radio will work with a Harris RF-382A antenna coupler (matching unit). It works for ALE and can control a linear power amplifier, e.g., SG-500. It can also be used to interface any radio without a match initiate signal by using RF from that radio, i.e., at first detection of RF a retune pulse is sent to the RF-382A (need a third PCB). Some of you may remember me from the RF derived RF-382A interface from two years ago. More information on this interface can be obtained from the links below.

The interface basically uses two PCB modules: 1) a Controller at the RF-382A and 2) a Voltage Repeater located at the radio. Additional PCB modules provide linear amplifier control, and operation with ham radios that only have RF output and no tuner match initiate signal. The Controller and Voltage Repeater each have integral bias-Ts and the only connection between them is a single coaxial cable. RF , DC power and match initiate control are supplied over this single coax. The connection between the Micom radio and the Voltage Repeater is also a single coaxial cable. The linear amplifier can be located remotely from the Micom radio. 18-28 vdc (not critical) at a maximum of 2 amps is supplied to the Voltage Repeater module which uses this voltage to power and control the RF-382A. The only thing required to do with the Micom radio is to enable the TUNER function in ACC.

I have built 6 Voltage Repeaters and Controllers, everyone worked the first time power was applied. They are not hard to build on the SMD PCBs I've laid out if you have a solder stencil and a solder reflow oven. I don't recommend building SMD PCBs by hand with a soldering iron. You are also welcome to build these circuits yourself any way you want, e.g., Adafruit board. But the SMD PCB makes a very nice package.

I have invested a lot of time and some money into this project, but I did it because I wanted to for myself. I'm happy to share this design with anyone else who would like to do something similar. But I do not want to get into manufacturing. I can supply PCBs for $20 each plus shipping as many PCBs as will fit into a Priority Mail box. Also can supply solder paste stencils, one per board type for $30 per stencil for stainless steel or $20 per stencil for polyimide. So for a set of PCBs and stencils for the Voltage Repeater and Controller it would be $100 with SS stencils, or $80 with polyimide stencils plus shipping cost. You still have to buy the parts and solder them on the PCBs. Not fun. A better way, IMHO, is to have the PCBs manufactured using automatic pick and place equipment. However, this requires a certain quantity of PCBs to be manufactured. The pick and place programming and parts ordering is not a trivial expense, but if enough PCBs are built, especially if the PCBs can be panelized, the costs become reasonable.

I'm not sure what the demand, if any, for these PCBs will be. Some ball park pricing I've gotten for around 27 sets of boards (Voltage repeater and Controller) is about $300 a set. For 50 plus PCB sets the price drops to about $220 a set. If anyone is in the SMD PCB manufacturing business and is interested in making these PCBs please contact me. But before I get too excited about having PCBs manufactured I would need a count of how many people would be interested in buying them built and tested. You would have to put the PCBs into your own enclosures, but that is not hard to do.

If there are just a few people interested, then maybe someone who likes to build SMD PCBs by hand and has a solder reflow oven can make and sell them I will supply PCBs and solder stencils (only need to buy one SS stencil for each type of PCB). But I would need a minimum order for eight sets of PCBs for the prices quoted above.

The Voltage Repeater design is very flexible and can be adapted for any radio to work with the Harris RF-382. Also any RF-382 configuration will work with the Controller since the Controller generates a Keyline signal from detected RF. The Controller can be adapted to control any antenna matching unit that has a TUNE or RESET input, e.g., SG-235.

73,

Paul, W5NTQ

paulnkatz@...

713-666-2186

https://www.dropbox.com/s/vim27gbg8w3dnsg/RF-382A%20Interface%20system.pdf?dl=0

https://www.dropbox.com/s/5gmud5xjz87ypee/RF-382A%20controller%20v.5.1.pdf?dl=0

https://www.dropbox.com/s/20xfg5edp8ms91m/Voltage%20Repeater%20v.2b4.pdf?dl=0

https://www.dropbox.com/s/euexjq2c4zbo0jj/LPA%20CTL%20LO%20TO.pdf?dl=0

https://www.dropbox.com/s/kag9awpgba6780o/RF-382A%20RF%20Tune%20Pulse.pdf?dl=0

https://www.dropbox.com/s/fprcywa40fva8ir/IMG_0699.JPG?dl=0

https://www.dropbox.com/s/7ucayf82s3a1oog/IMG_0698.JPG?dl=0

https://www.dropbox.com/s/8zbt8tasyao0uzc/IMG_0704.JPG?dl=0

3024. WTB antenna top sections AT-1039/APX-50 and RF-3183

Yahoo group: harris-radio
Date: 2016-09-19 07:59:40 UTC
From: hycheng@...
Topic: 3024 Message: 3024

Hi there,
I am looking for the top sections of the antenna mask :
a) AT-1039/U (Shakespeare) or APX-50 (Comrod) HF antenna
b) Top section of Harris RF-3183 multi-band antenna
Please PM me for price and availability.
Thanks in advanced,

Chris

3025. RF-5833

Yahoo group: harris-radio
Date: 2016-09-25 19:02:26 UTC
From: Marcus Julian
Topic: 3025 Message: 3025

Hi,

does anyone here know the differences between the PA001,PA002, and PA004 options?

73
Marcus
KI6SYM

3026. Re: [harris-radio] RF-5833

Yahoo group: harris-radio
Date: 2016-09-26 14:58:30 UTC
From: roger
Topic: 3025 Message: 3026

HI
Found on GOOGLe 5800H

THE RF 5833H-PA001 IS A BASIC 150 WATT AMPLIFIER
THE RF 5833H-PA002 IS A BASIC 150 WATT AMPLIFIER WITH 5245 POST/PRESELECTOR
THE RF 5833H-PA003 IS A BASIC 150 WATT AMPLIFIER WITH A EXT LOW PASS FILTER
THE RF 5833H-PA004 IS A BASIC 150 WATT AMPLIFIER WITH 5245 POST/PRESELECTOR AND A EXT LOW PASS FILTER

Regards
Roger
K4alphapapa(harris-yahoo ID)
waldrgr@...
Rochester NY
3200 3201 3230 2000
138 5000 short range
From: mailto:harris-radio@yahoogroups.com
Sent: Sunday, September 25, 2016 3:02 PM
To: Paul Katz
Subject: [harris-radio] RF-5833

Hi,

does anyone here know the differences between the PA001,PA002, and PA004 options?

73
Marcus
KI6SYM

3027. VRC-94A PA dogbone

Yahoo group: harris-radio
Date: 2016-09-30 05:04:46 UTC
From: addle98712@...
Topic: 3027 Message: 3027

Group,

Does anyone have a spare PA Control cable 10012-0702/3 that they would like to sell? I have the pin outs and part #'s for the connectors but a nice factory cable would be preferred.

Thanks,
Ernest

3028. SF-3512 antenna base repair

Yahoo group: harris-radio
Date: 2016-09-30 22:57:23 UTC
From: papakb@...
Topic: 3028 Message: 3028

I have one of the Harris Sf-3512 antennas mounted on my HMMWV that has lost the connection between the type N connector on the base and the BMA connector that the mast screws into. I've been able to separate the base and the spring and the coax center pin has pulled out of the BMA connector. It looks like the threaded base screws into the large hex nut on the top of the spring assembly but I'm not having any luck getting them apart even after removing the setscrews.

I have two questions: is the threaded base locktited into the nut and has anyone else repaired one of these antenna bases that can help me?

Thanks,

Kurt
KG6KMJ

3029. Re: [harris-radio] SF-3512 antenna base repair

Yahoo group: harris-radio
Date: 2016-09-30 23:53:39 UTC
From: Richard Johnson
Topic: 3028 Message: 3029

Hi Kurt, I had the same provlem with one of mine on my cucv truck after I whacked a tree. I tried the same thing and was unable to get the base nut below the antenna element off the top fo the spring even with a big wrench and vise.
I ruined it beyond salvage and just got another base.
I have a contact that may have more bases.
Regards
Rich Johnson

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms"
Thomas Jefferson

From: harris-radio@yahoogroups.com <harris-radio@yahoogroups.com> on behalf of papakb@... [harris-radio] <harris-radio@yahoogroups.com>
Sent: Friday, September 30, 2016 3:57:23 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] SF-3512 antenna base repair

I have one of the Harris Sf-3512 antennas mounted on my HMMWV that has lost the connection between the type N connector on the base and the BMA connector that the mast screws into. I've been able to separate the base and the spring and the coax center pin has pulled out of the BMA connector. It looks like the threaded base screws into the large hex nut on the top of the spring assembly but I'm not having any luck getting them apart even after removing the setscrews.

I have two questions: is the threaded base locktited into the nut and has anyone else repaired one of these antenna bases that can help me?

Thanks,

Kurt

KG6KMJ

3030. Re: [harris-radio] SF-3512 antenna base repair

Yahoo group: harris-radio
Date: 2016-10-01 11:27:29 UTC
From: prcradio@...
Topic: 3028 Message: 3030

I had the same problem and Rich found me two replacement mounts. Be aware there are two different sizes of connector on the whip interface that are not compatible and the newer version is larger.
Mike

3031. Switches

Yahoo group: harris-radio
Date: 2016-10-08 13:35:47 UTC
From: Hubert Peery
Topic: 3031 Message: 3031

I am in need of a source for some switches for my 500 w Harris Amp. One is labeled 7105 C&K SPDT Center off and 7101 C&K SPDT. These have a cage around them and have a 1/2 inch barrel.

Hub W5GYX

3032. Re: [harris-radio] Switches

Yahoo group: harris-radio
Date: 2016-10-08 13:54:49 UTC
From: Peter Gottlieb
Topic: 3031 Message: 3032

I ordered my replacements from Digikey a few years back, they are still made so far as I know.

Peter

> On Oct 8, 2016, at 9:35 AM, 'Hubert Peery' w5gyx@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> I am in need of a source for some switches for my 500 w Harris Amp. One is labeled 7105 C&K SPDT Center off and 7101 C&K SPDT. These have a cage around them and have a 1/2 inch barrel.
>
> Hub W5GYX
>
>

3033. "Personality cannot be written" error message after upgrade to R12

Yahoo group: harris-radio
Date: 2016-10-16 04:10:11 UTC
From: alan@...
Topic: 3033 Message: 3033

I recently upgraded from RPM R10 to R12 to program a Unity XG-100.

I am able to read a mission plan from the radio successfully.

But when I attempt to program that exact same mission plan into the radio it says:
"Personality cannot be written. This Personality has one or more invalid frequency sets."

This mission plan has many frequency sets. Any suggestions how to locate the invalid sets?

Thanks,
Alan

3034. Re: [harris-radio] "Personality cannot be written" error message after upgrade to R12

Yahoo group: harris-radio
Date: 2016-10-16 15:17:36 UTC
From: Richard Johnson
Topic: 3033 Message: 3034

More than likely, knowing harris software, if your mission plan was writeable before and worked, then its probably some options in the new version you upgraded too.

Your going to have to open the mission plan in the software and go page by page step by step and verify your settings. It could be as simple as a check box not checked. I know when I was learning RPA for tactical radios I was banging my head into the wall because the software engineers used different terms for things than the radio engineers used. Geez...

Good luck

Rich Johnson

KI6EZA

www.RichardSJohnson.net<http://www.richardsjohnson.net/>

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"No free man shall ever be debarred the use of arms"
Thomas Jefferson

From: harris-radio@yahoogroups.com <harris-radio@yahoogroups.com> on behalf of alan@...
[harris-radio] <harris-radio@yahoogroups.com>
Sent: Saturday, October 15, 2016 9:10 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] "Personality cannot be written" error message after upgrade to R12

I recently upgraded from RPM R10 to R12 to program a Unity XG-100.

I am able to read a mission plan from the radio successfully.

But when I attempt to program that exact same mission plan into the radio it says:
"Personality cannot be written. This Personality has one or more invalid frequency sets."

This mission plan has many frequency sets. Any suggestions how to locate the invalid sets?

Thanks,
Alan

3035. RF350K - A1A2 PWB SCHEMATIC

Yahoo group: harris-radio
Date: 2016-10-21 18:23:40 UTC
From: dean.gagnon@...
Topic: 3035 Message: 3035

Need a copy of the subject schematic. I think it is FP51 in the -83 manual but I can't seem to find it on line. Any help would be appreciated.
Dean KK1K

3036. Re: [harris-radio] RF350K - A1A2 PWB SCHEMATIC

Yahoo group: harris-radio
Date: 2016-10-21 18:43:16 UTC
From: Peter Gottlieb
Topic: 3035 Message: 3036

Pretty sure I have this at home, will check when I get back from work tonight.

Peter

> On Oct 21, 2016, at 2:23 PM, dean.gagnon@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Need a copy of the subject schematic. I think it is FP51 in the -83 manual but I can't seem to find it on line. Any help would be appreciated.
> Dean KK1K
>
>
>
>

3037. Re: [harris-radio] RF350K - A1A2 PWB SCHEMATIC

Yahoo group: harris-radio
Date: 2016-10-21 19:02:20 UTC
From: Ken Fowler
Topic: 3035 Message: 3037

It is FP-51. I sent a PDF to your email.
-ko6no-

At 11:23 10/21/2016, you wrote:
>
>
>Need a copy of the subject schematic. I think it
>is FP51 in the -83 manual but I can't seem to
>find it on line. Any help would be appreciated.
>Dean KK1K
>
>
>

3038. Re: [harris-radio] RF350K - A1A2 PWB SCHEMATIC

Yahoo group: harris-radio
Date: 2016-10-21 20:05:30 UTC
From: dean.gagnon@...
Topic: 3035 Message: 3038

Thanks!!

3039. Need Manual or Schematic for RF-480 Power Supply

Yahoo group: harris-radio
Date: 2016-11-04 02:42:15 UTC
From: kw1i@...
Topic: 3039 Message: 3039

Does anyone have a schematic for the RF-480 12vdc linear power supply. Transformer and filter caps appear to be OK. I specifically need to see the schematic on the controller board.

Thanks,
Dale
KW1I

3040. Re: [harris-radio] Need Manual or Schematic for RF-480 Power Supply

Yahoo group: harris-radio
Date: 2016-11-04 15:33:34 UTC
From: roger
Topic: 3039 Message: 3040

Hi Dale:
Contact me e mail
I do have info on the 480 ps

roger
Roger
K4alphapapa(harris-yahoo ID)
waldrgr@...
Rochester NY
3200 3201 3230 2000
138 5000 short range

From: mailto:harris-radio@yahoogroups.com
Sent: Thursday, November 03, 2016 10:42 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Need Manual or Schematic for RF-480 Power Supply

Does anyone have a schematic for the RF-480 12vdc linear power supply. Transformer and filter caps appear to be OK. I specifically need to see the schematic on the controller board.

Thanks,
Dale
KW1I

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

3041. Re: Switches

Yahoo group: harris-radio
Date: 2016-11-10 17:57:44 UTC
From: f1frv@...
Topic: 3031 Message: 3041

Original 55 Serie (NOW OBSOLETE)
http://dkc3.digikey.com/PDF/FR2011-FR/P2473.pdf
http://media.digikey.com/pdf/Data%20Sheets/Grayhill%20PDFs/55DP30-x%20Drawing.pdf
///////////////////////////////////
EXACT REPLACEMENT
http://fr.farnell.com/grayhill/51cdp30-01-1-ajn/switch-rotary-sp12t-200ma-220v/dp/1384618
http://www.digikey.fr/product-detail/fr/51DP30-01-1-AJN/GH7278-ND/764221
http://www.grayhill.com/web1/images/ProductImages/Rotary_50,51.pdf
///////////////////////////////////
Alternatives (LESS EXPANSIVES) body length 0.48" (12.19 mm) instead of 0.537" (13.64 mm)
http://fr.farnell.com/grayhill/56sdp30-01-1-ajn/commutateur-1pole-12-pos/dp/1190377
http://www.digikey.fr/product-detail/fr/56DP30-01-1-AJN/GH7279-ND/483187
http://www.grayhill.com/web1/images/ProductImages/Rotary_56.pdf
///////////////////////////////////
RF355 service manual page 91/149

73s
Dom

3042. RF-7405 Remote

Yahoo group: harris-radio
Date: 2016-11-19 17:02:15 UTC
From: W2HX
Topic: 3042 Message: 3042

I don't know if anyone saw this, it sold using the BIN rather quickly. Price looks to have been $2200. I believe the seller bought this for $197 from govt liquidation and then offered it on ebay. I don't have proof, but there are some signs suggesting it was the same unit. More power to him! I wonder if it was anyone on this list who snagged it? I've always been intrigued with this device and would love to chat with anyone who has it installed to operate both a 590 and a 1310.

http://www.ebay.com/itm/182352301514
http://www.govliquidation.com/auction/view?auctionId=11536873

Eugene W2HX

3043. Re: RF-7405 Remote

Yahoo group: harris-radio
Date: 2016-11-20 14:05:30 UTC
From: John P. Caldwell
Topic: 3042 Message: 3043

Eugene I saw the same listing last week and hit him with an offer of $150 which sparked the outrage I expected. He pointed out the cost new was $6700.00. That told me he'd read the tag from the govliquidation auction and had no idea what the actual market value was. He went on to tell me something to the fact that foreign buyers would pay dearly for the remote. I told him it might be a good idea to google "ITAR regulations" and do a bit of reading. The listing was pulled about 20 minutes later. Do an advanced eBay search for sold or completed listings and you'll find the thing never sold.

If you want remote capability I think you can get that with a the RF7210A Adaptive Controller. It's not as common like the RF7210 but they pop up from time to time.

John WD8INC

3044. Re: [harris-radio] Re: RF-7405 Remote

Yahoo group: harris-radio
Date: 2016-11-20 14:28:06 UTC
From: S C Marrow
Topic: 3042 Message: 3044

Thats what I figured / think; that is, that it really didn't sell....like John I would not offer or pay the mentioned prices.

Steve
KM4V

3045. Re: [harris-radio] Re: RF-7405 Remote

Yahoo group: harris-radio
Date: 2016-11-20 17:29:25 UTC
From: steve@...
Topic: 3042 Message: 3045

I would sell mine for $2200 with free shipping if I was selling it. LOL. It is great for moving fan noise from the amplifier to another room. It works well for multiple receiver/exciter setups.
I wish it had some way to get the VFO function of the RF-590 to tune the RF-1310.

Steve KD2OM

3046. Re: [harris-radio] Re: RF-7405 Remote

Yahoo group: harris-radio
Date: 2016-11-20 18:11:15 UTC
From: Peter Gottlieb
Topic: 3042 Message: 3046

How many of the 590/1310 setups are there? If enough, I might be tempted to make a small interface box which would do the job. One of my winter projects is building one for a Mackay receiver-transmitter setup, it's a microcontroller which rapidly (5/sec) pings the receiver with VFO and sets the transmitter frequency and mode appropriately.

Never had a 1310 though, so that would slow me down.

On 11/20/2016 12:29 PM, steve@... [harris-radio] wrote:
>
> I would sell mine for $2200 with free shipping if I was selling it. LOL. It
> is great for moving fan noise from the amplifier to another room. It works
> well for multiple receiver/exciter setups.
> I wish it had some way to get the VFO function of the RF-590 to tune the RF-1310.
>
> Steve KD2OM
>
>

3047. Re: [harris-radio] Re: RF-7405 Remote

Yahoo group: harris-radio
Date: 2016-11-20 22:27:07 UTC
From: steve@...
Topic: 3042 Message: 3047

I have two 590/1310 combos Peter.

Steve KD2OM

3048. RE: [harris-radio] Re: RF-7405 Remote

Yahoo group: harris-radio
Date: 2016-11-20 22:41:12 UTC
From: L D Ritta
Topic: 3042 Message: 3048

What do you use the 1310 to drive

Lee

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, 21 November 2016 8:57 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: RF-7405 Remote

I have two 590/1310 combos Peter.

Steve KD2OM

No virus found in this message.
Checked by AVG - www.avg.com <http://www.avg.com>
Version: 2016.0.7924 / Virus Database: 4664/13442 - Release Date: 11/20/16

No virus found in this message.
Checked by AVG - www.avg.com <http://www.avg.com>
Version: 2016.0.7924 / Virus Database: 4664/13445 - Release Date: 11/20/16

[Non-text portions of this message have been removed]

3049. RE: [harris-radio] Re: RF-7405 Remote

Yahoo group: harris-radio
Date: 2016-11-22 04:28:24 UTC
From: L D Ritta
Topic: 3042 Message: 3049

Hello All

What have RF-1310 owners used for power amplifier.

73’s Lee

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, 21 November 2016 9:11 AM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Re: RF-7405 Remote

What do you use the 1310 to drive

Lee

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, 21 November 2016 8:57 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] Re: RF-7405 Remote

I have two 590/1310 combos Peter.

Steve KD2OM

No virus found in this message.
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Version: 2016.0.7924 / Virus Database: 4664/13442 - Release Date: 11/20/16

No virus found in this message.
Checked by AVG - www.avg.com <http://www.avg.com>
Version: 2016.0.7924 / Virus Database: 4664/13445 - Release Date: 11/20/16

[Non-text portions of this message have been removed]

No virus found in this message.
Checked by AVG - www.avg.com <http://www.avg.com>
Version: 2016.0.7924 / Virus Database: 4664/13442 - Release Date: 11/20/16

No virus found in this message.
Checked by AVG - www.avg.com <http://www.avg.com>
Version: 2016.0.7924 / Virus Database: 4664/13445 - Release Date: 11/20/16

[Non-text portions of this message have been removed]

3050. RF-3234 remote control

Yahoo group: harris-radio
Date: 2016-11-23 20:28:15 UTC
From: dsmaples@...
Topic: 3050 Message: 3050

All: I found in the RF-3200E service manual a reference to an RF-3234 channelized remote control. It occurred to me that the protocol here might be the thing to use with MARS-ALE or other remote-control programs. Does anyone have any information at all on this thing?

Thanks,
Dave Maples, AFA3WZ / AFS3VA

3051. RE: [harris-radio] Re: RF-7405 Remote

Yahoo group: harris-radio
Date: 2016-11-24 00:08:37 UTC
From: steve@...
Topic: 3042 Message: 3051

Hi Lee,
One is in generator mode so no amp, low power only. The other one drives an RF-1110C 1000 watt amplifier.

73
Steve KD2OM

3052. RE: [harris-radio] Re: RF-7405 Remote

Yahoo group: harris-radio
Date: 2016-11-24 01:40:35 UTC
From: W2HX
Topic: 3042 Message: 3052

Lee, I run the 1310 with a RF-110/124/127 set up.

Pictured here with a T-827 exciter and a URC-35 stacked atop.
http://w2hx.com/x/New%20Shack/URT-32%20and%20URC-35.jpg

here you can see the 590 and 1310 on the desk
http://w2hx.com/x/New%20Shack/0224151752d.jpg

I am hoping I can get the 1310 to excite my harris RF-1110B 1KW amp, but that is a longer-term project
http://w2hx.com/x/Harris/RF-1110B/0520161344.jpg
http://w2hx.com/x/Harris/RF-1110B/0520161344_HDR.jpg

Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, November 21, 2016 11:28 PM
To: harris-radio@yahoogroups.com
Subject: RE: [harris-radio] Re: RF-7405 Remote

Hello All

What have RF-1310 owners used for power amplifier.

73’s Lee

From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
[mailto:harris-radio@yahoogroups.com]
Sent: Monday, 21 November 2016 9:11 AM
To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Subject: RE: [harris-radio] Re: RF-7405 Remote

What do you use the 1310 to drive

Lee

From: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
[mailto:harris-radio@yahoogroups.com]
Sent: Monday, 21 November 2016 8:57 AM
To: harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>
Subject: Re: [harris-radio] Re: RF-7405 Remote

I have two 590/1310 combos Peter.

Steve KD2OM

No virus found in this message.
Checked by AVG - www.avg.com<http://www.avg.com> <http://www.avg.com>
Version: 2016.0.7924 / Virus Database: 4664/13442 - Release Date: 11/20/16

No virus found in this message.
Checked by AVG - www.avg.com<http://www.avg.com> <http://www.avg.com>
Version: 2016.0.7924 / Virus Database: 4664/13445 - Release Date: 11/20/16

[Non-text portions of this message have been removed]

No virus found in this message.
Checked by AVG - www.avg.com<http://www.avg.com> <http://www.avg.com>
Version: 2016.0.7924 / Virus Database: 4664/13442 - Release Date: 11/20/16

No virus found in this message.
Checked by AVG - www.avg.com<http://www.avg.com> <http://www.avg.com>
Version: 2016.0.7924 / Virus Database: 4664/13445 - Release Date: 11/20/16

[Non-text portions of this message have been removed]

3053. Re: [harris-radio] Re: RF-7405 Remote

Yahoo group: harris-radio
Date: 2016-11-24 01:53:19 UTC
From: Francesco Ledda
Topic: 3042 Message: 3053

Really Nice!

Sent from my iPad

> On Nov 23, 2016, at 19:40, W2HX w2hx@w2hx.com [harris-radio]
<harris-radio@yahoogroups.com> wrote:
>
> Lee, I run the 1310 with a RF-110/124/127 set up.
>
>
>
> Pictured here with a T-827 exciter and a URC-35 stacked atop.
>
> http://w2hx.com/x/New%20Shack/URT-32%20and%20URC-35.jpg
>
>
>
> here you can see the 590 and 1310 on the desk
>
> http://w2hx.com/x/New%20Shack/0224151752d.jpg
>
>
>
> I am hoping I can get the 1310 to excite my harris RF-1110B 1KW amp, but that is a
longer-term project
>
> http://w2hx.com/x/Harris/RF-1110B/0520161344.jpg
>
> http://w2hx.com/x/Harris/RF-1110B/0520161344_HDR.jpg
>
>
>
>
>
> Eugene W2HX
>
>
>
>
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> Sent: Monday, November 21, 2016 11:28 PM
> To: harris-radio@yahoogroups.com
> Subject: RE: [harris-radio] Re: RF-7405 Remote
>

>
>
>
>
> Hello All
>
> What have RF-1310 owners used for power amplifier.
>
> 73’s Lee
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> Sent: Monday, 21 November 2016 9:11 AM
> To: harris-radio@yahoogroups.com
> Subject: RE: [harris-radio] Re: RF-7405 Remote
>
> What do you use the 1310 to drive
>
> Lee
>
> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
> Sent: Monday, 21 November 2016 8:57 AM
> To: harris-radio@yahoogroups.com
> Subject: Re: [harris-radio] Re: RF-7405 Remote
>
> I have two 590/1310 combos Peter.
>
> Steve KD2OM
>
> _____
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2016.0.7924 / Virus Database: 4664/13442 - Release Date: 11/20/16
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2016.0.7924 / Virus Database: 4664/13445 - Release Date: 11/20/16
>
> [Non-text portions of this message have been removed]
>
> _____
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2016.0.7924 / Virus Database: 4664/13442 - Release Date: 11/20/16
>
> No virus found in this message.
> Checked by AVG - www.avg.com <http://www.avg.com>
> Version: 2016.0.7924 / Virus Database: 4664/13445 - Release Date: 11/20/16
>

> [Non-text portions of this message have been removed]
>
>
>

3058. Re: [harris-radio] HARRIS RF-590 RECEIVER FOR SALE

Yahoo group: harris-radio
Date: 2016-11-26 22:02:09 UTC
From: Raymond S
Topic: 3054 Message: 3058

Good afternoon Gilbert, I'm interested if you still have it.
ThanksRay

From: "gibharris@... [harris-radio]" <harris-radio@yahoogroups.com>
To: harris-radio@yahoogroups.com
Sent: Saturday, November 26, 2016 2:01 PM
Subject: [harris-radio] HARRIS RF-590 RECEIVER FOR SALE

I have a nice one available. Had seven in the 590 series and this is one of the nicest. I'll take photos if interested. Gilbert W4JDA

3059. RF350 Control Software - RT1446v0950

Yahoo group: harris-radio
Date: 2016-12-01 20:06:02 UTC
From: Ken Fowler
Topic: 3059 Message: 3059

Hello All,

I have just completed a new version of my control program for the
Harris RF350 which was developed for USS Hornet Amateur Radio Club.

The software and other information about the program can be
downloaded from www.ko6no.com at page http://www.ko6no.com/web_page_000004.htm

Feedback about bugs and shortcomings is welcomed. 73.

Ken Fowler, KO6NO

3060. PRC-138 A5 Module

Yahoo group: harris-radio
Date: 2016-12-06 17:09:02 UTC
From: mmellinger100@...
Topic: 3060 Message: 3060

Hello Everyone,

I am needing an A5 Receiver module for a PRC-138. Would anyone have or know someone that has one and is willing to part with it?

thanks

Mark
KE5QEO

3061. schematic needed

Yahoo group: harris-radio
Date: 2016-12-16 01:15:54 UTC
From: Thomas Calvete
Topic: 3061 Message: 3061

I am looking for an rf-522 protection module schematic.

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

3062. Fw: rf-6550 Software Confusion

Yahoo group: harris-radio
Date: 2016-12-17 00:15:01 UTC
From: roger
Topic: 3062 Message: 3062

From: Mike Berriman
Sent: Thursday, December 15, 2016 9:47 PM
To: waldrgr@...
Subject: rf-6550 Software Confusion

Hello Roger, we emailed probably a couple of years ago now, re the PRC138, about the difference between a V1 & a V2 version. I now have a new quest, and I hope you can shine some light on it please? I am trying to find out the difference in the RF-6550F software, and the RF-6550M, and are they compatible with each other, or do they run under different OS's? I have two Harris documents, for the same bit of kit, and one says the F version, and the other says the M version is the right one. I have found a possible source of the RF-6550M software, but I can't see the RF-6550F software anywhere, so I guess it's really old now? Do you know which of the two is likely to be correct, and where I can buy it from please?

Thank you very much Sir!

Best Regards,

Mike Berriman,

W5/G4JBI

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

3063. RF-350K: DC power for mike

Yahoo group: harris-radio
Date: 2016-12-20 00:47:33 UTC
From: dsmaples@...
Topic: 3063 Message: 3063

All: I use an electret mike on my URC-94. It gets DC from Pin F on the mike connector. I tried to use it with my RF-350K and it didn't work. After looking at the schematic I see that Pin F goes to a pin labeled SPARE on the exciter board. There is what appears to be a trace running to the pin and stopping at a pad. Does anyone have any idea what components went in to provide DC on Pin F?

Thanks,
Dave WB4FUR

3064. Re: [harris-radio] RF-350K: DC power for mike

Yahoo group: harris-radio
Date: 2016-12-20 01:34:12 UTC
From: Ken Fowler
Topic: 3063 Message: 3064

Some of the radios with U-299 jacks use pin F for
either DC or Data. I just checked the RT-446
schematics and see that pin F of the MIC jack is
a spare. The cable from the front panel goes to
the Exciter A1A1J9. I couldn't find that pin of J9 used for anything.

Sounds like you could do a useful hack by making
a connection from MIC jack pin F to a +5V or +12V
source on the A1A11A1 board. Also note that pin E
is used as a Handset Sense to mute the speaker audio when pin E is grounded.

-ko6no-

At 16:47 12/19/2016, you wrote:
>
>
>All: I use an electret mike on my URC-94. It
>gets DC from Pin F on the mike connector. I
>tried to use it with my RF-350K and it didn't
>work. After looking at the schematic I see that
>Pin F goes to a pin labeled SPARE on the exciter
>board. There is what appears to be a trace
>running to the pin and stopping at a pad. Does
>anyone have any idea what components went in to provide DC on Pin F?
>
>
>Thanks,
>
>Dave WB4FUR
>

3065. Problems with RF 5800 H KDU

Yahoo group: harris-radio
Date: 2016-12-21 17:14:49 UTC
From: strandbiker1@...
Topic: 3065 Message: 3065

I have a KDU for a RF5800 that has gone bad. It does boot up, but it first displays the firmware info and then when it initializes it shows the normal display but none of the buttons work anything. Brightness and contrast is also lower than other KDU's.

Any ideas??

Skip, KD6JA

3066. Re: Problems with RF 5800 H KDU

Yahoo group: harris-radio
Date: 2016-12-21 17:20:36 UTC
From: prcradio@...
Topic: 3065 Message: 3066

All with the same cable or separate cables on each one?

Mike

3067. Re: Problems with RF 5800 H KDU

Yahoo group: harris-radio
Date: 2016-12-21 19:53:12 UTC
From: strandbiker1@...
Topic: 3065 Message: 3067

Hello Mike and Rich:

Yes I did the substitution route with another radio and another KDU on the first radio. The Bad KDU does the same thing on multiple radios either connected directly to the manpack with the rear connector or via the side extension cable. The unit initially was just dim. It was originally on a RF 5800 M MP manpack. On that radio, the display was very hard to read. Apparently the firmware in the RF 5800 M manpack is different from the RF 5800 H MP. I put it on a RF 5800 H manpack and the display is a bit brighter but the rubber buttons do not function anything, although I can feel them push down and contact the metal contacts behind the rubber pad. I tried the suspect KDU on both another manpack and the extension cable on the fixed station with similar results. Is there firmware that may have been corrupted. We did have to replace the rubber buttons, as one of them broke off, according to Harris, a common problem. I got some replacement rubber buttons and one of our techs replaced it. I double checked his work and did not find anything visually wrong.

Skip

3068. Re: [harris-radio] Re: Problems with RF 5800 H KDU

Yahoo group: harris-radio
Date: 2016-12-21 23:21:39 UTC
From: Richard Johnson
Topic: 3065 Message: 3068

We dont put hf kdus on multiband man packs and vice versa. I assume it wont work but would fear corruption of the radio.
If the suspect kdu produces the same bad results on a couple MMP radios its going bad.
Not surprised the buttons became inactive on an HF MP. I always thought they would not fit on each other but never tried, thats a no no.
Rich Johnson

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms"
Thomas Jefferson

From: harris-radio@yahoogroups.com <harris-radio@yahoogroups.com> on behalf of strandbiker1@... [harris-radio] <harris-radio@yahoogroups.com>
Sent: Wednesday, December 21, 2016 11:53:12 AM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Problems with RF 5800 H KDU

Hello Mike and Rich:

Yes I did the substitution route with another radio and another KDU on the first radio. The Bad KDU does the same thing on multiple radios either connected directly to the manpack with the rear connector or via the side extension cable. The unit initially was just dim. It was originally on a RF 5800 M MP manpack. On that radio, the display was very hard to read. Apparently the firmware in the RF 5800 M manpack is different from the RF 5800 H MP. I put it on a RF 5800 H manpack and the display is a bit brighter but the rubber buttons do not function anything, although I can feel them push down and contact the metal contacts behind the rubber pad. I tried the suspect KDU on both another manpack and the extension cable on the fixed station with similar results. Is there firmware that may have been corrupted. We did have to replace the rubber buttons, as one of them broke off, according to Harris, a common problem. I got some replacement rubber buttons and one of our techs replaced it. I double checked his work and did not find anything visually wrong.

Skip

3069. Re: [harris-radio] RF-350K: DC power for mike

Yahoo group: harris-radio
Date: 2016-12-22 15:05:26 UTC
From: <afa1ir@...>
Topic: 3063 Message: 3069

As far as I know, the RF-350 / RT-1446 is made to use a dynamic microphone. If you really want to use an electret, you'll need to figure out the power issue.
73,Tom

On Monday, December 19, 2016 8:34 PM, "Ken Fowler ko6no@... [harris-radio]" <harris-radio@yahoogroups.com> wrote:

  Some of the radios with U-299 jacks use pin F for either DC or Data. Ijust checked the RT-446 schematics and see that pin F of the MIC jack isa spare. The cable from the front panel goes to the Exciter A1A1J9. Icouldn't find that pin of J9 used for anything.

Sounds like you could do a useful hack by making a connection from MICjack pin F to a +5V or +12V source on the A1A11A1 board. Also note thatpin E is used as a Handset Sense to mute the speaker audio when pin E isgrounded.

-ko6no-

At 16:47 12/19/2016, you wrote:

All: I use an electret mike on my URC-94. It gets DC from Pin F onthe mike connector. I tried to use it with my RF-350K and it didn'twork. After looking at the schematic I see that Pin F goes to a pinlabeled SPARE on the exciter board. There is what appears to be atrace running to the pin and stopping at a pad. Does anyone haveany idea what components went in to provide DC on Pin F?

Thanks,

Dave WB4FUR

3070. Re: [harris-radio] RF-350K: DC power for mike

Yahoo group: harris-radio
Date: 2016-12-22 17:40:45 UTC
From: Ken Fowler
Topic: 3063 Message: 3070

I see that Dave wanted an idea about what parts
to add to the Exciter board to provide DC to Pin
F. Assuming that Dave's headset with Electret mic
already includes the required resistor and
capacitor, all that would be required on the
Exciter board is a small limiting resistor
connected from the spare pad to the 5VDC or 12VDC
bus. One KOhm should be enough to limit the
short-circuit current. A bypass capacitor to
ground could help to prevent noise and RF getting back into the Exciter.

The MIC Audio channel has quite a bit of gain to
handle the dynamic mic. The electret element
might be higher output depending on the included
resistor and DC voltage level. The front panel
MIC adjustment might have enough range to bring the level down.

Hope this helps. The RF350 will sound a lot
better with a good electret microphone. I have
used boom headsets through a Behringer mixer into
the Audio2 input. They produce much better
modulation with better speech quality than the dynamic handheld.

-ko6no-
At 07:05 12/22/2016, you wrote:
>
>
>As far as I know, the RF-350 / RT-1446 is made
>to use a dynamic microphone. If you really want
>to use an electret, you'll need to figure out the power issue.
>
>73,
>Tom
>
>
>On Monday, December 19, 2016 8:34 PM, "Ken
>Fowler ko6no@... [harris-radio]" <harris-radio@yahoogroups.com> wrote:
>
>
>
>Some of the radios with U-299 jacks use pin F
>for either DC or Data. I just checked the RT-446
>schematics and see that pin F of the MIC jack is
>a spare. The cable from the front panel goes to
>the Exciter A1A1J9. I couldn't find that pin of J9 used for anything.
>

>Sounds like you could do a useful hack by making
>a connection from MIC jack pin F to a +5V or
>+12V source on the A1A11A1 board. Also note that
>pin E is used as a Handset Sense to mute the
>speaker audio when pin E is grounded.
>
>-ko6no-
>
>At 16:47 12/19/2016, you wrote:
>>
>>
>>All: I use an electret mike on my URC-94. It
>>gets DC from Pin F on the mike connector. I
>>tried to use it with my RF-350K and it didn't
>>work. After looking at the schematic I see
>>that Pin F goes to a pin labeled SPARE on the
>>exciter board. There is what appears to be a
>>trace running to the pin and stopping at a
>>pad. Does anyone have any idea what components went in to provide DC on Pin F?
>>
>>
>>Thanks,
>>
>>Dave WB4FUR
>
>
>

3071. T-827K?

Yahoo group: harris-radio
Date: 2016-12-23 01:23:01 UTC
From: W2HX
Topic: 3071 Message: 3071

Probably a general dynamics product, not harris, but does anyone know anything about this exciter T-827K? It appears to be a digitalized version of the T-827(). These are used in the AN/URT-23E.

Any info (docs) out there on this ?
Thanks
Eugene W2HX

3072. Re: [harris-radio] T-827K?

Yahoo group: harris-radio
Date: 2016-12-23 02:49:09 UTC
From: Ken Fowler
Topic: 3071 Message: 3072

Hi Eugene,

I suspect they were still made by General
Dynamics like the T-827A. I looked at the ones in
USS Iowa when I was helping out in Richmond. I
couldn't find any documentation specifically for
the K model but I found schematics for the
T-827A. (The !!%%#!** NavElex people that
de-commissioned the ship threw away all the
documentation for the radios. I found the covers
for the manuals stored in a box next to ET Shop.)
I wondered if they had been modernized with a
digital control system to replace the chain-drive
switches. It seemed strange to combine an
auto-tune amplifier with a manually tuned
exciter. If they got rid of all those chains and
nylon belts, it was a good thing.

One of our local clubs has a never-used AN/WRC-1
which came with all the manuals, but that's a little older than the AN/URT-23E.

I would check with present and past ETs who
worked at MOTU. Sometimes they kept personal
copies of Tech Manuals. I was in MOTU-5 and MOTU-9 but I don't have anything.

Merry Christmas. 73. -ken-

At 17:23 12/22/2016, you wrote:
>
>
>Probably a general dynamics product, not harris,
>but does anyone know anything about this exciter
>T-827K? It appears to be a digitalized version
>of the T-827(). These are used in the AN/URT-23E.
>
>
>
>Any info (docs) out there on this ?
>
>Thanks
>
>Eugene W2HX
>
>
>

3073. Re: Problems with RF 5800 H KDU

Yahoo group: harris-radio
Date: 2016-12-26 00:29:09 UTC
From: cagosti@...
Topic: 3065 Message: 3073

Try zeroizing the radio with the suspect kdu installed

3074. Re: [harris-radio] Re: Problems with RF 5800 H KDU

Yahoo group: harris-radio
Date: 2016-12-26 13:43:36 UTC
From: prcradio@...
Topic: 3065 Message: 3074

I agree with Rich, there is a member of this group who put a compatible looking KDU on a 5800 series manpack and hosed the radio so bad it had to be returned to Harris for repair.
Mike

3075. Re: [harris-radio] Re: Problems with RF 5800 H KDU

Yahoo group: harris-radio
Date: 2016-12-26 19:22:04 UTC
From: hycheng@...
Topic: 3065 Message: 3075

I thought the KDU firmware can be updated from the radio ? When the Falcon radio is connected to the KDU and detects the firmware is not compatible, you can download the proper firmware into the KDU.

3076. RF-625A long Wire Adaptor

Yahoo group: harris-radio
Date: 2016-12-26 19:50:18 UTC
From: Stuart Mckinnon
Topic: 3076 Message: 3076

Hi Group

Compliments of the season to you all !

Can anyone send me any pdf type info re the above device, I can see three terminals on the unit, but I am not sure what's for what? with the exception of the third smaller terminal, i presume that's an Earth ?

Anyone us one and with what, I have RF-5000 and 5022 available also RT-1694 (138)

What has prompted me to ask is, that here at home I have an 80 meter half wave that I use typically on the VMARS net of 3.615Khz, and also a 60 mtr dipole for the 5 mhz allocation, but really nothing to cover 40, so I thought can the LWA help me?

I also have a Moseley TA-33 ready to rotate, if any skeds are sought Mil kit to Mil kit

Some of the sets i have:

Plessey
Racal
Harris
MBLE
Philips
TRW (RT-319) rare for UK !
Marconi
Grintek
Thomson-CSF
Etc Etc

I must complete my inventory one of the days !

Any thoughts in between Christmas pudding?

Stuart
G0TBI
Kinver South Staffordshire UK

3077. Re: [harris-radio] Re: Problems with RF 5800 H KDU

Yahoo group: harris-radio
Date: 2016-12-26 20:39:28 UTC
From: prcradio@...
Topic: 3065 Message: 3077

I think the OP did sufficient tests to determine one KDU is broken and it probably needs to be returned to Harris for repair. Otherwise I can't imagine swapping KDUs from different radios around, updating firmware then the possibility of it not working with the original radio. Its real easy to make a simple mistake with these radios that results in an expensive trip to the factory. Mike

3078. RE: [harris-radio] RF-625A long Wire Adaptor

Yahoo group: harris-radio
Date: 2016-12-26 20:51:02 UTC
From: D. Emer
Topic: 3076 Message: 3078

Stuart,

Try this link and look at Sec 6 which is the hook up to the RF 625A wire adapter

http://www.w2hx.com/x/URT-23/RF-601A/RF-601A_Service%20Manual.pdf

Dud KK7IF

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, December 26, 2016 12:50 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-625A long Wire Adaptor

Hi Group

Compliments of the season to you all !

Can anyone send me any pdf type info re the above device, I can see three terminals on the unit, but I am not sure what's for what? with the exception of the third smaller terminal, i presume that's an Earth ?

Anyone us one and with what, I have RF-5000 and 5022 available also RT-1694 (138)

What has prompted me to ask is, that here at home I have an 80 meter half wave that I use typically on the VMARS net of 3.615Khz, and also a 60 mtr dipole for the 5 mhz allocation, but really nothing to cover 40, so I thought can the LWA help me?

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I must complete my inventory one of the days !

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Stuart

G0TBI

Kinver South Staffordshire UK

3079. Re: [harris-radio] RF-625A long Wire Adaptor

Yahoo group: harris-radio
Date: 2016-12-27 08:38:25 UTC
From: Stuart Mckinnon
Topic: 3076 Message: 3079

Hi Dud

Thanks for this link, it is very useful and answers my questions, I do not posses a RF-601, but I do have a RF-382, I may be able to work something with that, when I finally make up a cable between the 5022 or RT-138 to the tuner, my 382 is an original just for whips and does not have the 50 ohm coax skt sadly ! however I was blessed when I secured it, in so much as the MOD supplied a spare innards complete, Brand new, so if and when I finally test the coupler, there is an issue, I
have a fallback spare, my thanks also to Alan G4GEN for his thoughts, he is waiting to re gas his 601, and has been talking of that for three months

Cheers all

Stuart
G0TBI

-----Original Message-----
From: 'D. Emer' dfemer@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@...m>
Sent: Mon, 26 Dec 2016 20:50
Subject: RE: [harris-radio] RF-625A long Wire Adaptor

Stuart,
Try this linkand look at Sec 6 which is the hook up to the RF 625A wire adapter
http://www.w2hx.com/x/URT-23/RF-601A/RF-601A_Service%20Manual.pdf
Dud KK7IF

From:harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Monday, December 26, 2016 12:50 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] RF-625A long Wire Adaptor

HiGroup

Compliments of the season to you all !

Can anyone send me any pdf type info re the above device, I cansee three terminals on the unit, but I am not sure what's for what? with theexception of the third smaller terminal, i presume that's an Earth ?

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Thomson-CSF

Etc Etc

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Stuart

G0TBI

Kinver South Staffordshire UK

3080. RE: [harris-radio] RF-625A long Wire Adaptor

Yahoo group: harris-radio
Date: 2016-12-27 16:52:09 UTC
From: W2HX
Topic: 3076 Message: 3080

Stuart, I have a RF-382 that I use as my station's main antenna tuner (for harris and non-harris radios). I have it connected to a 43 foot vertical. I can pretty much tune any frequency 2-30. It doesn't seem to require any additional components to make it work.

http://w2hx.com/x/Antenna-related/Vertical/0816151307.jpg

73 Eugene W2HX

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Tuesday, December 27, 2016 3:38 AM
To: harris-radio@yahoogroups.com
Subject: Re: [harris-radio] RF-625A long Wire Adaptor

Hi Dud

Thanks for this link, it is very useful and answers my questions, I do not posses a RF-601, but I do have a RF-382, I may be able to work something with that, when I finally make up a cable between the 5022 or RT-138 to the tuner, my 382 is an original just for whips and does not have the 50 ohm coax skt sadly ! however I was blessed when I secured it, in so much as the MOD supplied a spare innards complete, Brand new, so if and when I finally test the coupler, there is an issue, I
have a fallback spare, my thanks also to Alan G4GEN for his thoughts, he is waiting to re gas his 601, and has been talking of that for three months

Cheers all

Stuart
G0TBI
-----Original Message-----
From: 'D. Emer' dfemer@cox.net<mailto:dfemer@cox.net> [harris-radio]
<harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>>
To: harris-radio <harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com>>
Sent: Mon, 26 Dec 2016 20:50
Subject: RE: [harris-radio] RF-625A long Wire Adaptor

Stuart,
Try this link and look at Sec 6 which is the hook up to the RF 625A wire adapter
http://www.w2hx.com/x/URT-23/RF-601A/RF-601A_Service%20Manual.pdf
Dud KK7IF

From: harris-radio@yahoogroups.com<mailto:radio@yahoogroups.com>
[mailto:harris-radio@yahoogroups.com<mailto:harris-radio@yahoogroups.com?>]
Sent: Monday, December 26, 2016 12:50 PM
To: harris-radio@yahoogroups.com<mailto:radio@yahoogroups.com>
Subject: [harris-radio] RF-625A long Wire Adaptor

Hi Group

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Anyone us one and with what, I have RF-5000 and 5022 available also RT-1694 (138)

What has prompted me to ask is, that here at home I have an 80 meter half wave that I use typically on the VMARS net of 3.615Khz, and also a 60 mtr dipole for the 5 mhz allocation, but really nothing to cover 40, so I thought can the LWA help me?

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I must complete my inventory one of the days !

Any thoughts in between Christmas pudding?

Stuart
G0TBI
Kinver South Staffordshire UK

3081. Radio RF-5022R/T(E) ALE help information.

Yahoo group: harris-radio
Date: 2016-12-29 04:40:10 UTC
From: mbchagasl@...
Topic: 3081 Message: 3081

Hello good night people,I have a RF-5022R could anyone help me how to configure it to work on the ALE system,how do i configure and how does ALE work any tip is a lot of help and what type of antenna should use for ALE If anyone can also make a video teaching would be great,what do I need to have to use ALE?

Thanks good night.

Best regards,

Bruno Schagas/PU1XYZ, 73.

3082. Firmware software for RF-5022R/T(E) Dowload

Yahoo group: harris-radio
Date: 2016-12-29 04:51:29 UTC
From: mbchagasl@...
Topic: 3082 Message: 3082

Hello good night, can someone help me I have a RF-5022R and someone would have the firmware of the RF-5022R Falcon-I for Windows 7.
Video of the radio:
https://www.youtube.com/user/BrunoSchagasLeiter/videos
https://www.youtube.com/user/BrunoSchagasLeiter/videos

Thanks good night.

Best regards,

Bruno Schagas/PU1XYZ, 73.

3083. Re: [harris-radio] Firmware software for RF-5022R/T(E) Dowload

Yahoo group: harris-radio
Date: 2016-12-29 06:27:16 UTC
From: Richard Johnson
Topic: 3082 Message: 3083

You can download Falcom programing software from this yahoo harris site files section and use hyperterminal on older PCs but probably not Win7 or Vista.

I use an XP for my interface.

As far as the ALE program set up and operation its the same as a PRC-138 if you can find a manual.

Set at least one self address (Slfad) up with a 3 character address. Associate it with channel group 0 if you don't plan to use a 3 character address on the air.

Then set up your amature call sign as a self address associated with channel group 1 and then add other ALE Individual address (Indad)

Set channels to scan to 15 or less.

Regards

Rich Johnson

www.RichardSJohnson.net<http://www.richardsjohnson.net/>

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms"
Thomas Jefferson

From: harris-radio@yahoogroups.com <harris-radio@yahoogroups.com> on behalf of mbchagasl@... [harris-radio] <harris-radio@yahoogroups.com>
Sent: Wednesday, December 28, 2016 8:51 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Firmware software for RF-5022R/T(E) Dowload

Hello good night, can someone help me I have a RF-5022R and someone would have the firmware of the RF-5022R Falcon-I for Windows 7.
Video of the radio:
https://www.youtube.com/user/BrunoSchagasLeiter/videos

Thanks good night.

Best regards,

Bruno Schagas/PU1XYZ, 73.

3084. RF-5022R/T

Yahoo group: harris-radio
Date: 2016-12-29 12:17:09 UTC
From: vk5abc@...
Topic: 451 Message: 3084

Hello Everyone

Anyone outside the USA with an rf-5020 or rf-5022 for sale or knows where there is for sale please contact me direct.

73's Lee

3085. Re: Firmware software for RF-5022R/T(E) Dowload

Yahoo group: harris-radio
Date: 2016-12-30 03:00:14 UTC
From: mbchagasl@...
Topic: 3082 Message: 3085

Hello good night Johnson ok thank you for your help the program runs in Windows XP ok, now the ideal would be for Windows 7, I'm going to test the ALE.

Thanks good night.

Best regards,

Bruno Schagas, 73 happy New Year to you.

3086. Ultralife batteries UBI-2590

Yahoo group: harris-radio
Date: 2016-12-30 17:50:44 UTC
From: Stuartjmckinnon@...
Topic: 3086 Message: 3086

As the title states, I have a pair of these batts New in Plastic packets. Apart from the RT-138 I believe they will power the RT-117, any interest please mail me direct, looks to be UK and Europe only as cannot ship by Air, overland into Europe available,

see :

https://www.ultralifecorporation.com/PrivateDocuments/BR_XX90_White_Paper.pdf
https://www.ultralifecorporation.com/PrivateDocuments/BR_XX90_White_Paper.pdf

Stuart
G0TBI

3087. 3466A battery?

Yahoo group: harris-radio
Date: 2016-12-31 03:04:19 UTC
From: W2HX
Topic: 3087 Message: 3087

Hi folks. Happy New Year,

I am going through my Harris equipment and replacing hold up batteries. 3 pieces of equipment I have use the Data Sentry DS-3GT 3.6V NiCAD rechargeable batteries. The equipment is the RF-590, RF-1310 and RF-127. I have gone through the documentation of the RF-3466A modem and cannot find any reference to a battery. Hard to believe since this thing has dozens of settings that I would imagine would be stored somehow.

Can anyone confirm whether the RF-3466A does or does not have a battery?

One last question. I have an RF-7210A that the manual mentions a 3.6V Lithium battery. Anyone know a cross reference part number for this?

I plan to use an outboard batteries to replace these. Something with a connector that can easily be removed/replaced in the future without desoldering from the pcb.

73, VY HNY Eugene W2HX

3088. Re: [harris-radio] 3466A battery?

Yahoo group: harris-radio
Date: 2016-12-31 03:39:13 UTC
From: Francesco Ledda
Topic: 3087 Message: 3088

May be, it uses flash memory

Sent from my iPad

> On Dec 30, 2016, at 21:04, W2HX w2hx@... [harris-radio] <harris-radio@yahoogroups.com> wrote:
>
> Hi folks. Happy New Year,
>
>
>
> I am going through my Harris equipment and replacing hold up batteries. 3 pieces of equipment I have use the Data Sentry DS-3GT 3.6V NiCAD rechargeable batteries. The equipment is the RF-590, RF-1310 and RF-127. I have gone through the documentation of the RF-3466A modem and cannot find any reference to a battery. Hard to believe since this thing has dozens of settings that I would imagine would be stored somehow.
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>
> I plan to use an outboard batteries to replace these. Something with a connector that can easily be removed/replaced in the future without desoldering from the pcb.
>
>
>
> 73, VY HNY Eugene W2HX
>
>
>
>

3089. Re: [harris-radio] 3466A battery?

Yahoo group: harris-radio
Date: 2016-12-31 04:31:28 UTC
From: Peter Gottlieb
Topic: 3087 Message: 3089

At one point EEPROMs became widely available, so maybe?

On 12/30/2016 10:39 PM, Francesco Ledda frledda@... [harris-radio] wrote:
> May be, it uses flash memory
>
> Sent from my iPad
>
> On Dec 30, 2016, at 21:04, W2HX w2hx@... <mailto:w2hx@...>
> [harris-radio] <harris-radio@yahoogroups.com
> <mailto:harris-radio@yahoogroups.com>> wrote:
>
>> Hi folks. Happy New Year,
>>
>> I am going through my Harris equipment and replacing hold up batteries. 3
>> pieces of equipment I have use the Data Sentry DS-3GT 3.6V NiCAD rechargeable
>> batteries. The equipment is the RF-590, RF-1310 and RF-127. I have gone
>> through the documentation of the RF-3466A modem and cannot find any reference
>> to a battery. Hard to believe since this thing has dozens of settings that I
>> would imagine would be stored somehow.
>>
>> Can anyone confirm whether the RF-3466A does or does not have a battery?
>>
>> One last question. I have an RF-7210A that the manual mentions a 3.6V Lithium
>> battery. Anyone know a cross reference part number for this?
>>
>> I plan to use an outboard batteries to replace these. Something with a
>> connector that can easily be removed/replaced in the future without
>> desoldering from the pcb.
>>
>> 73, VY HNY Eugene W2HX
>>
>

3090. Re: [harris-radio] 3466A battery?

Yahoo group: harris-radio
Date: 2016-12-31 14:19:13 UTC
From: John Cruddas
Topic: 3087 Message: 3090

Still willing to pay a small ransom for a copy of your 590H Manual!!

From: "W2HX w2hx@... [harris-radio]" <harris-radio@yahoogroups.com>
To: "harris-radio@yahoogroups.com" <harris-radio@yahoogroups.com>
Sent: Friday, December 30, 2016 8:04 PM
Subject: [harris-radio] 3466A battery?

Hi folks. Happy New Year, I am going through my Harris equipment and replacing hold up batteries. 3 pieces of equipment I have use the Data Sentry DS-3GT 3.6V NiCAD rechargeable batteries. The equipment is the RF-590, RF-1310 and RF-127. I have gone through the documentation of the RF-3466A modem and cannot find any reference to a battery. Hard to believe since this thing has dozens of settings that I would imagine would be stored somehow. Can anyone confirm whether the RF-3466A does or does not have a battery? One last question. I have an RF-7210A that the manual mentions a 3.6V Lithium battery. Anyone know a cross reference part number for this? I plan to use an outboard batteries to replace these. Something with a connector that can easily be removed/replaced in the future without desoldering from the pcb. 73, VY HNY Eugene W2HX

3091. Re: Problems with RF 5800 H KDU

Yahoo group: harris-radio
Date: 2016-12-31 22:08:06 UTC
From: strandbiker1@...
Topic: 3065 Message: 3091

Good point. As all of our RF5800 H MP's are working with their KDU's I may send the entire RF 5800 M MP into the factory with the KDU and let Harris figure it out. They are like Motorola, once a radio is returned to the factory, it comes back with the current firmware available. I sent a RF 5800 H MP in when it would not boot up. The firmware was 1.5.1. It came back with the current firmware 1.5.3. Thanks for all the advice and input! :)

Happy New Year to all! :)

Skip

3092. Re: Problems with RF 5800 H KDU

Yahoo group: harris-radio
Date: 2016-12-31 22:09:44 UTC
From: strandbiker1@...
Topic: 3065 Message: 3092

Rich: what is the military AN/PRC designation for the RF 5800 M MP??

3093. Re: [harris-radio] Re: Problems with RF 5800 H KDU

Yahoo group: harris-radio
Date: 2017-01-01 00:44:21 UTC
From: Richard Johnson
Topic: 3065 Message: 3093

The US Military model of the RF-5800M MP is the PRC-117F

Regards

Rich

www.RichardSJohnson.net<http://www.richardsjohnson.net/>

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms"
Thomas Jefferson

From: harris-radio@yahoogroups.com <harris-radio@yahoogroups.com> on behalf of strandbiker1@... [harris-radio] <harris-radio@yahoogroups.com>
Sent: Saturday, December 31, 2016 2:09 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Problems with RF 5800 H KDU

Rich: what is the military AN/PRC designation for the RF 5800 M MP??

3094. Re: [harris-radio] Re: Problems with RF 5800 H KDU

Yahoo group: harris-radio
Date: 2017-01-01 00:48:48 UTC
From: Stuart Mckinnon
Topic: 3065 Message: 3094

Happy New Year to all of the Harris group

Stuart
G0TBI

-----Original Message-----
From: Richard Johnson killroy321@... [harris-radio] <harris-radio@yahoogroups.com>
To: harris-radio <harris-radio@yahoogroups.com>
Sent: Sun, 1 Jan 2017 0:46
Subject: Re: [harris-radio] Re: Problems with RF 5800 H KDU

The US Military model of the RF-5800M MP is the PRC-117F

Regards
Rich

www.RichardSJohnson.net

"Those who enjoy freedom must endeavor to preserve it."

"No free man shall ever be debarred the use of arms"
Thomas Jefferson

From: harris-radio@yahoogroups.com <harris-radio@yahoogroups.com> on behalf of strandbiker1@yahoo.com [harris-radio] <harris-radio@yahoogroups.com>
Sent: Saturday, December 31, 2016 2:09 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] Re: Problems with RF 5800 H KDU

Rich: what is the military AN/PRC designation for the RF 5800 M MP??

3095. Re: [harris-radio] Re: Problems with RF 5800 H KDU

Yahoo group: harris-radio
Date: 2017-01-01 14:47:52 UTC
From: Dave, N0TXJ
Topic: 3065 Message: 3095

You too, and to the group!☐

Sent from BlueMail

```
On Dec 31, 2016, 18:48, at 18:48, "Stuart Mckinnon Stuartjmckinnon@... [harris-radio]"
<harris-radio@yahoogroups.com> wrote:
>Happy New Year to all of the Harris group
>
>
>Stuart
>G0TBI
>
>
>
>-----Original Message-----
>From: Richard Johnson killroy321@... [harris-radio]
><harris-radio@yahoogroups.com>
>To: harris-radio <harris-radio@yahoogroups.com>
>Sent: Sun, 1 Jan 2017 0:46
>Subject: Re: [harris-radio] Re: Problems with RF 5800 H KDU
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>From: harris-radio@yahoogroups.com <harris-radio@yahoogroups.com> on
>behalf of strandbiker1@... [harris-radio]
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>Rich: what is the military AN/PRC designation for the RF 5800 M MP??
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3097. Re: RF-5833

Yahoo group: harris-radio
Date: 2017-01-04 16:00:46 UTC
From: traveller_552@...
Topic: 3025 Message: 3097

and the Low Pass filter is 25 MHz cutoff, intended to prevent interference between HF and VHF capabilities of this radio set

Mark
N2FYS

3098. Rack Mount Ears for URC-119 and R-1051

Yahoo group: harris-radio
Date: 2017-01-04 22:34:14 UTC
From: Joseph Pinner
Topic: 3098 Message: 3098

I am looking for Rack Mount Ears for the URC-119 and for two R-1051s.

Let me know if you can help.

--
Joseph Pinner
Kingston, TN

KC5IJD / AFA4JP
Roane County OES 408

3099. RE: [harris-radio] SIGNAL MONITOR/PANORAMIC DISPLAY for HARRIS RF SERIES HF RECEIVERS

Yahoo group: harris-radio
Date: 2017-01-05 16:40:37 UTC
From: greg8863
Topic: 3096 Message: 3099

Gilbert, please let me know if I should send a check. I don't want to miss the opportunity to buy the signal monitor.
 Thanks, Greg

Sent from my Verizon, Samsung Galaxy smartphone
-------- Original message --------From: "gibharris@hotmail.com [harris-radio]" <harris-radio@yahoogroups.com> Date: 1/3/17 5:03 PM (GMT-05:00) To: harris-radio@yahoogroups.com Subject: [harris-radio] SIGNAL MONITOR/PANORAMIC DISPLAY for HARRIS RF SERIES HF RECEIVERS

I have a nice Watkins-Johnson WJ-9188A panadapter for Harris gear since they did not offer one. 455khz input so plug and play using IF output prior to filters. Manual included. $200 plus shipping. Gilbert W4JDA

3100. Re: SIGNAL MONITOR/PANORAMIC DISPLAY for HARRIS RF SERIES HF RECEIVERS

Yahoo group: harris-radio
Date: 2017-01-06 12:21:19 UTC
From: greg8863
Topic: 3096 Message: 3100

Gilbert- OK I guess, I can't tell you how disappointed I am. I feel like someone swooped in and bought it out from under me while I was in the process of wrapping up the deal with you. Will you sell to me if we change the price to $300 and I send you an additional $100.00?
 Thanks, Greg

Sent from my Verizon, Samsung Galaxy smartphone

3101. problem with PRC-138V2

Yahoo group: harris-radio
Date: 2017-01-17 19:28:47 UTC
From: cagosti@...
Topic: 3101 Message: 3101

I have an issue that's come up with my radio

cold start passes all tests

left on for about an hour at room temp and Power out drops to
about 1 watt across all bands and RX sens drops about 10 db

self test now shows AO5 F11 fail whats the F11?
I have cleaned all board connectors with De Oxit and re seated them

anyone seen this ,,Looks like some type of IF issue
the units has to be off for a while to recover to normal operation
very repeatable

Thanks

Charles Agosti
WD8AXA

3102. Re: [harris-radio] problem with PRC-138V2

Yahoo group: harris-radio
Date: 2017-01-17 20:46:19 UTC
From: roger
Topic: 3101 Message: 3102

Hi WD8AXA
A05 F11 is the code for the A5 rx Ex module. “F11 is Exciter output too low.”
The output of the A5 exciter goes to the A8A2 harmonic daughter bd mounted on the A8A1 pa assembly, then to the PA and then to the A9 coupler then to the ant.
So A05 F11 could be a bad A5 RXEX , A8A1 PA or A8A2 Harmonic filter .
The A8A2 harmonic assy does have some vswr forward and reverse test ckty.
Substitution is the fastest way to determine which bd is bad.
Roger
K4alphapapa(harris-yahoo ID)
waldrgr@rochester.rr.com
Rochester NY
3200 3201 3230 2000
138 5000 short range
From: mailto:harris-radio@yahoogroups.com
Sent: Tuesday, January 17, 2017 2:28 PM
To: harris-radio@yahoogroups.com
Subject: [harris-radio] problem with PRC-138V2

I have an issue that's come up with my radio

cold start passes all tests

left on for about an hour at room temp and Power out drops to
about 1 watt across all bands and RX sens drops about 10 db

self test now shows AO5 F11 fail whats the F11?
I have cleaned all board connectors with De Oxit and re seated them

anyone seen this ,,Looks like some type of IF issue
the units has to be off for a while to recover to normal operation
very repeatable

Thanks

Charles Agosti
WD8AXA

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus

3103. Looking for Trident Micro Systems iOpt Comm-Tac Manual and/or Connector Pinout

Yahoo group: harris-radio
Date: 2017-03-01 17:43:12 UTC
From: n4tcw@...
Topic: 3103 Message: 3103

Looking for Trident Micro Systems iOpt Comm-Tac Manual and/or Connector Pinout

Picked one up on eBay but it did not come with a manual. Since they were bought by Motorola they don't exist anymore and I can't find anything online. A manual for any of their other interopt solutions might help.

Thanks,

Lee N4TCW

3104. PRC 138 mixer

Yahoo group: harris-radio
Date: 2017-03-02 20:34:31 UTC
From: cagosti@...
Topic: 3104 Message: 3104

anybody ever replace the first mixer in a PRC 138V2
the manual I have of the First Converter Assembly has a Harris PN I51-0008-001
its called RF Mixer +7dbm.

my board layout is not marked for that section and I wanted to have the part on hand before I De solder
the shields .

I was wondering if its just a common Mini circuits and if so which one ?

Thanks
WD8AXA
Charles

3105. Re: [harris-radio] PRC 138 mixer

Yahoo group: harris-radio
Date: 2017-03-03 03:43:35 UTC
From: Peter Gottlieb
Topic: 3104 Message: 3105

I don't get the impression there's anything magical about what they used. Figure out the frequency ranges of the ports, you already know the LO level, find the best double balanced one you can with the same pinout and height (if that is critical).

On 3/2/2017 3:34 PM, cagosti@... [harris-radio] wrote:
>
> anybody ever replace the first mixer in a PRC 138V2
> the manual I have of the First Converter Assembly has a Harris PN I51-0008-001
> its called RF Mixer +7dbm.
>
> my board layout is not marked for that section and I wanted to have the part
> on hand before I De solder
> the shields .
>
>
> I was wondering if its just a common Mini circuits and if so which one ?
>
>
> Thanks
>
> WD8AXA
>
> Charles
>
>

3106. RF-382A-015 and Interface for Micom radio

Yahoo group: harris-radio
Date: 2017-03-04 01:04:51 UTC
From: Paul Katz
Topic: 3106 Message: 3106

For sale a Harris RF-382A-015 antenna matching unit (AMU) and an Interface system for using a Micom 2/3 radio with the Harris AMU. Interface supplies RF, DC power and Rechannel control to the RF-382A over a single coaxial cable, just supply 18-28 VDC at 2 amps. No control cable to the RF-382A is needed. Also available (at additional cost) is a linear amplifier control module that makes the Micom, LPA, e.g., SG-500; and RF-382A into an equivalent system to a Harris Falcon II radio system . $1100 plus shipping, includes brand new Amphenol/Harris weatherproof power/control connector. If you have your own power/control connector deduct $100 from above price. RF-382A or Micom Interface also sold separately, contact me for more information.

73,

Paul - W5NTQ

713-666-2186

3107. Re: [harris-radio] PRC 138 mixer

Yahoo group: harris-radio
Date: 2017-03-11 00:20:56 UTC
From: cagosti@...
Topic: 3104 Message: 3107

I got the mixer out it's a TFM-3 I have one coming we will see if this is a fix
WD8AXA

3108. [harris-radio] RF350 Control Software - RT1446v0950

Yahoo group: harris-radio
Date: 2017-03-30 16:26:32 UTC
From: Ken Fowler
Topic: 3059 Message: 3108

Hello All,

It came to my attention that version 0.950d of my
control program for the Harris RF350 had some
problems with non-working controls. I have fixed
the errors and added some improvements. New features:

Frequency can be incremented or decremented by
keyboard input. This should allow use of an external knobs like Griffin, etc.

The digits of VFO B are saved to an ini file when
the program ends and initialized at startup.
There is a conflict with the ini file of the
previous version which will cause a runtime
error. To avoid this error, please delete the
file RT1446ini.txt in the \Users\Public\RT1446 Files\ folder.

The software and other information about the program can be
downloaded from www.ko6no.com at page http://www.ko6no.com/web_page_000004.htm

Feedback about bugs and shortcomings is welcomed. 73.

Ken Fowler, KO6NO

3109. FCC compliance testing company

Yahoo group: harris-radio
Date: 2017-03-30 23:08:18 UTC
From: Paul Katz
Topic: 3109 Message: 3109

Does anyone know a testing company(ies) (laboratory) that has a screen room for RFI testing and does FCC compliance testing for a RF transmitting device?

73,

Paul - W5NTQ

3110. Re: [harris-radio] FCC compliance testing company

Yahoo group: harris-radio
Date: 2017-03-30 23:49:36 UTC
From: Peter Gottlieb
Topic: 3109 Message: 3110

Where?

On 3/30/2017 7:08 PM, Paul Katz paulnkatz@... [harris-radio] wrote:
>
> Does anyone know a testing company(ies) (laboratory) that has a screen
> room for RFI testing and does FCC compliance testing for a RF
> transmitting device?
>
> 73,
>
> Paul - W5NTQ
>
>

3111. RE: [harris-radio] FCC compliance testing company

Yahoo group: harris-radio
Date: 2017-03-30 23:55:34 UTC
From: Francesco Ledda
Topic: 3109 Message: 3111

https://www.nts.com/locations

From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
Sent: Thursday, March 30, 2017 6:08 PM
To: Harris Radio Group
Subject: [harris-radio] FCC compliance testing company

Does anyone know a testing company(ies) (laboratory) that has a screen room for RFI testing and does FCC compliance testing for a RF transmitting device?

73,

Paul - W5NTQ

[Non-text portions of this message have been removed]

3112. Re: FCC compliance testing company

Yahoo group: harris-radio
Date: 2017-03-31 01:18:47 UTC
From: John P. Caldwell
Topic: 3109 Message: 3112

Paul,

I'd recommend Intertek (ETL SEMKO). They've got multiple locations in the US, but not all have 10M chambers. I know Duluth, GA, Bloomington, MN and Lexington, KY have chambers from working with them. There are other locations as well. I have products in test currently in both Duluth and Lexington.

What FCC part are you looking to test for?

John

WD8INC

This email has been checked for viruses by AVG.
http://www.avg.com

3113. RE: [harris-radio] FCC compliance testing company

Yahoo group: harris-radio
Date: 2017-03-31 02:37:28 UTC
From: AC0XU (Jim)
Topic: 3109 Message: 3113

Guys-

Forgive my ignorance. I have done some amateur testing of lots of devices for ham radio intereference. There are plenyt of American made and even more Chinese products that emit like little Tesla coils. My Trane furnace put out more RF than a collocated 10W transmitter in my tests. One Chinese battery charger that is sold by Amazon by the thousand made my whole house electrical system light up in RF like a lightning generator.

Why do American electronics manufacturers bother testing their equipment when there is clearly no enforcement of any kind of RF emission limits?

Just curious...

Jim
AC0XU

At 05:55 PM 3/30/2017, you wrote:
>
>
>https://www.nts.com/locations
>
>From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com]
>Sent: Thursday, March 30, 2017 6:08 PM
>To: Harris Radio Group
>Subject: [harris-radio] FCC compliance testing company
>
>Does anyone know a testing company(ies) (laboratory) that has a screen
>room for RFI testing and does FCC compliance testing for a RF
>transmitting device?
>
>73,
>
>Paul - W5NTQ
>
>[Non-text portions of this message have been removed]
>
>

3114. Re: [harris-radio] FCC compliance testing company

Yahoo group: harris-radio
Date: 2017-03-31 02:41:51 UTC
From: Peter Gottlieb
Topic: 3109 Message: 3114

We bother because it's the law, and the right thing to do.

On 3/30/2017 10:37 PM, 'AC0XU (Jim)' james.schatzman@...
[harris-radio] wrote:
>
> Guys-
>
> Forgive my ignorance. I have done some amateur testing of lots of devices for
> ham radio intereference. There are plenyt of American made and even more
> Chinese products that emit like little Tesla coils. My Trane furnace put out
> more RF than a collocated 10W transmitter in my tests. One Chinese battery
> charger that is sold by Amazon by the thousand made my whole house electrical
> system light up in RF like a lightning generator.
>
> Why do American electronics manufacturers bother testing their equipment when
> there is clearly no enforcement of any kind of RF emission limits?
>
> Just curious...
>
> Jim
> AC0XU
>
>
> At 05:55 PM 3/30/2017, you wrote:
>
>>
>>
>> https://www.nts.com/locations <https://www.nts.com/locations>
>>
>> From: harris-radio@yahoogroups.com [mailto:harris-radio@yahoogroups.com
>> <mailto:harris-radio@yahoogroups.com>]
>> Sent: Thursday, March 30, 2017 6:08 PM
>> To: Harris Radio Group
>> Subject: [harris-radio] FCC compliance testing company
>>
>> Does anyone know a testing company(ies) (laboratory) that has a screen
>> room for RFI testing and does FCC compliance testing for a RF
>> transmitting device?
>>
>> 73,
>>
>> Paul - W5NTQ
>>
>> [Non-text portions of this message have been removed]
>>

>

3115. For sale Harris RF-382A antenna matching unit

Yahoo group: harris-radio
Date: 2017-04-01 23:13:46 UTC
From: Paul Katz
Topic: 3115 Message: 3115

Have a nice late model Harris RF-382A-015 antenna matching unit, works as it should. Comes with NOS Amphonel weatherproof control/power connector. $700 plus shipping and insurance. Also can supply an interface that allows the RF-382A to be DC powered and controlled over a single coax cable, no control cable necessary. Just provide DC supply, push button switch and a bias-T at the radio location. $100 with purchase of RF-382A. Interface also sold separately, contact me for more information.

73,
Paul - W5NTQ
713-666-2186

3116. Re: [harris-radio] For sale Harris RF-382A antenna matching unit

Yahoo group: harris-radio
Date: 2017-04-02 15:42:54 UTC
From: AC0XU (Jim)
Topic: 3115 Message: 3116

Paul-

If still available, I am interested in both items. Thanks!

Jim

At 05:13 PM 4/1/2017, you wrote:
>
>
>Have a nice late model Harris RF-382A-015 antenna matching unit, works
>as it should. Comes with NOS Amphonel weatherproof control/power
>connector. $700 plus shipping and insurance. Also can supply an
>interface that allows the RF-382A to be DC powered and controlled over a
>single coax cable, no control cable necessary. Just provide DC supply,
>push button switch and a bias-T at the radio location. $100 with
>purchase of RF-382A. Interface also sold separately, contact me for more
>information.
>
>73,
>Paul - W5NTQ
>713-666-2186
>
>

3117. Re: [harris-radio] PRC 138 mixer

Yahoo group: harris-radio
Date: 2017-04-05 00:59:28 UTC
From: cagosti@...
Topic: 3104 Message: 3117

Replaced the mixer and all is well Charles

3118. XG75P scan

Yahoo group: harris-radio
Date: 2017-04-16 03:14:32 UTC
From: owl9704a@...
Topic: 3118 Message: 3118

I am looking for someone that has a good working knowledge of these radios. We use them on a very simple P25/analog system. We have one dedicated analog system set up for paging with the T99 decodes. For some reason they will NOT alert us if they are in the charger. Has anyone ever heard of this?
Any help would be greatly appreciated.
Bob

3119. vvbgfd

Yahoo group: harris-radio
Date: 2017-04-23 18:03:49 UTC
From: roger
Topic: 3119 Message: 3119

sdxfcgv'[;

This email has been checked for viruses by Avast antivirus software.
https://www.avast.com/antivirus